ProteoGenix SAS
Espace Européen de l'Entreprise
15 rue de La Haye
67300 Schiltigheim, France
Tel. +33 (0)3 90 20 54 70 - Fax +33 (0)3 88 56 16 88
contact@proteogenix.fr
www.ProteoGenix.science

TEP1-telomerase-associated protein 1 Gene

Reference: PTXBC126107

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	TLP1; TP1; TROVE1; VAULT2; p240; telomerase protein component 1; TROVE domain family, member 1; p80 telomerase homolog; telomerase protein 1; telomerase associated protein 1		

For research use only.

GENE DESCRIPTION	telomerase-associated protein 1
GENE ID	7011
ORIGIN SPECIES	Human
ACCESSIONS	BC126107
VECTOR	pDONR223
NCBI SYMBOL	TEP1
LENGTH	ProteoGenix bp
SEQUENCE PRIMERS	Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT
	Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

ORF (Only for reference, product provided without STOP codon)

atggaaaaactccatgggcatgtgtctgcccatccagacatcctctccttggagaaccggtgcctggctatgctcccctgacttacagcccttggagaaactacatcagcatgtatctacccactcagatatcctctccttgaagaaccagtgcctagccacgcttcctgacctgaagaccatgga
aaaaccacatggatatgtgtctgcccacccagacatcctctccttggagaaccagtgcctggccacactttctgacctgaagaccatggagaaaccacatggacatgtttctgcccacccagacatcctctccttggagaaccggtgcctggccaccctctctagtctaaagagcactgtgtct
gccagccccttgttccagagtctacagatatctcacatgacgcaagctgatttgtaccgtgtgaacaacagcaattgcctgctctctgagcctccaagttggagggctcagcatttctctaagggactagacctttcaacctgccctatagccctgaaatccatctctgccacagagacagctca
ggaagcaactttgggtcgttggtttgattcagaagagaagaaaggggcagagacccaaatgccttcttatagtctgagcttgggagaggaggaggaggtggaggatctggccgtgaagctcacctctggagactctgaatctcatccagagcctactgaccatgtccttcaggaaaagaag
atggctctactgagcttgctgtgctctactctggtctcagaagtaaacatgaacaatacatctgaccccaccctggctgccatttttgaaatctgtcgtgaacttgccctcctggagcctgagtttatcctcaaggcatctttgtatgccaggcagcagctgaacgtccggaatgtggccaataacat
cttggccattgctgctttctgccggcgtgtcgcccccacctgcgacgatatttctgtgccattgtccagctgcctctctgactggatccaggtggctgagctttaccagagcctggctgagggagataagaataagctggtgcccctgcccgcctgtctccgtactgccatgacggacaaatttg
cccagtttgacgagtaccagctggctaagtacaaccctcggaagcaccgggccaagagacaccccccgccggccaccccgctctccagggatggagcctccattttctcacagatgttttccaaggtacataggggtttctcagagaagagcagagaaagtttgagaaggccggtgatacag
tgtcagagaaaaagaatcctccaaggttcaccctgaagaagctggttcagcgactgcacatccacaagcctgcccagcacgttcaagccctgctgggttacagataccccctccaacctacagctcttttctcgaagtcgccttcctgggccttggattctagcagagctgggaagaggatg
aagctgtctaggccagagacctgggagcgggagctgagcctacggggggaacaaagcgtcggtctgggaggaactcattgaaaatgggaagcttcccttcatggccatgcttcggaacctgtgcaacctgctgcgggttggaatcagttcccgccaccatgagctcattctccagagactc
cagcatgcgaagtcggtgatccacagtcggcagtttccattcagatttcttaacgcccatgatgccattgatgccctcgaggctcaactcagaaatcaagcattgccctttccttcgaatataacactgatgaggcggatactaactagaaatgaaaagaaccgtcccaggcggaggtttctttg
ccacctaagccgtcagcagcttcggatggcaatgaggatacctgtgttgtatgagcagctcaagagggagaagctgagagtacacaaggccagacagtggaaatatgatggtgagatgctgaacaggtaccgacaggccctagagacagctgtgaacctctctgtgaagcacagcctg
cccctgctgccaggccgcactgtcttggtctatctgacagatgctaatgcagacaggctctgtccaaagagcaacccacaagggccccccgctgaactatgcactgctgttgattgggatgatgatcacgagggcagagcaggtggacgtcgtgctgtgtggaggtgacactctgaagactg
cagtgcttaaggcagaagaaggcatcctgaagactgccatcaagctccaggctcaagtccaggagtttgatgaaaatgatggatggtccctgaatacttttgggaaatacctgctgtctctggctggccaaagggttcctgtggacagggtcatcctccttggccaaagcatggatgatggaa
tgataaatgtggccaaacagctttactggcagcgtgtgaattccaagtgcctctttgttggtatcctcctaagaagggtacaatacctgtcaacagatttgaatcccaatgatgtgacactctcaggctgtactgatgcgatactgaagttcattgcagagcatggggcctcccatcttctggaacat
gtgggccaaatggacaaaatattcaagattccaccacccccaggaaagacaggggtccagtctctccggccactggaagaggacactccaagccccttggctcctgtttcccagcaaggatggcgcagcatccggcttttcatttcatccactttccgagacatgcacggggagcgggac
ctgctgctgaggtctgtgctgccagcactgcaggcccgagcggcccctcaccgtatcagccttcacggaatcgacctccgctggggcgtcactgaggaggagacccgtaggaacagacaactggaagtgtgccttggggaggtggagaacgcacagctgtttgtggggattctgggct
cccgttatggatacattcccccccagctacaacctttcctgaccatccacacttccactgggcccagcagtacccttcagggcgctctgtgacagagatggaggtgatgcagttcctgaaccggaacccaagctctgcagccctctgcccaagctctcatctacttccgggattccagcttcctcag
ctctgtgccagatgcctggaaatctgactttgtttctgagtctgaagaggccgcacgtcggatctcagaactgaagagctacctaagcagacagaaagggatcacctgccgcagataccccctgtgagtgggggggtgtggcagctggccggccctatgttggcgggctggaggagtttgg
gcagttggttctgcaggatgtatggaatatgatccagaagctctacctgcagcctgggccctgctggagcagccagtgtccatcccagacgatgacttggtccaggccacccttccagcagctgcagaagccaccggagtcctgcccgggccacgcctcttcaggacacagtgcaacggct
gatgctgccccacggaaggctgagcctggtgacggggcagtcaggacagggcaagacagccttcctggcatctcttgtgtcagccctgcaggctcctgatggggccaaggtggcatcattagtcttcttccacttttctggggctcgtcctgaccagggtcttgccctcactctgctcagac
gcctctgtacctatctgcgtggccaactaaaagagccaggtgcccctcccagcacctaccgaagcctggtgtgggagctgcagcagaggctgctgcccaagtctgctgagtccctgcatcctggccagacccaggtcctgatcatcgatggggctgataggttagtggaccagaatgggc
agctgatttcagactggatcccaaagaagcttccccggtgtgtacacctggtgctgagtgtgtctagtgatgcaggcctaggggagacccttgagcagagccagggtgcccacgtgctggccttggggcctctggaggcctctgctcgggcccggctggtgagagaggagctggccctg
tacgggaagcggctggaggagtcaccatttaacaaccagatgcgactgctgctggtgaagcgggaatcaggccggccgctctacctgcgcttggtcaccgatcacctgaggctcttcacgctgtatgagcaggtgtctgagagactccggaccctgcctgccactgtcccctgctgctg
cagcacatcctgagcacactggagaaggagcacgggcctgatgtccttccccaggccttgactgccctagaagtcacacggagtggtttgactgtggaccagctgcacggagtgctgagtgtgtggcggacactaccgaaggggactaagagctgggaagaagcagtggctgctggta
acagtggagaccctacccatgggcccgtttgcctgcctgtccagagtctgcgcagtttgctagggggagggccctctggagcgccctggtgcccggctgtgcctccctgatgggcccctgagaacagcagctaaacgttgctatgggaagaggccagggctagaggacacggcac
acatcctcattgcagctcagctctggaagacatgtgacgctgatgcctcaggcaccttccgaagttgccctcctgaggctctgggagacctgccttaccacctgctccagagcgggaaccgtggacttctttcgaagttccttaccaacctccatgtggtggctgcacacttggaattgggtctg
gtctctcggctcttggaggcccatgccctctatgcttcttcagtccccaaagaggaacaaaagctccccgaggctgacgttgcagtgtttcgcacctttcctgaggcagcaggcttcaatcctcagccagtaccccccggctcctgccccagcaggcagccaaccagcccctggactcacctct
ttgccaccaagcctcgctgctctcccggagatggcacctccaacacacactacgatggcttaataaacccccggaccatgaaaaatcagcaaagctccagcctgtctctggcagtttcctcatcccctactgctgtggccttctccaccaatgggcaaagagcagctgtgggcactgccaatg
ggacagtttacctgttggacctgagaacttggcaggaggagaagtctgtggtgagtggctgtgatggaatctctgcttgtttgttcctctccgatgatacactctttcttactgccttcgacgggctcctggagctctgggacctgcagcatggttgtcgggtgctgcagactaaggctcaccagtac
caaatcactggctgctgcctgagcccagactgccggctgctagccaccgtgtgcttgggaggatgcctaaagctgtgggacacagtccgtgggcagctggccttccagcacacctaccccaagtccctgaactgtgttgcctccacccagaggggcaggtaatagccacaggcagc
tgggctggcagcatcagcttcttccaggtggatgggctcaaagtcaccaaggacctggggcacccggagcctctatccgtacctggccttcaatgtgcctgggggggttgtggctgtgggccggctggacagtatggtggagctgtgggcctggcgagaaggggcacggctggctg
ccttccctgcccaccatggctttgttgctgctgcgcttttcctgcatgcgggttgccagttactgacggctggagaggatggcaaggttcaggtgtggtcagggtctctgggtcggcccctgggcacctgggttccctttctctctctcctgccctctctgtggcactcagcccagatggtgatc
gggtggctgttggatatcgagcggatggcattaggatctacaaaatcttcaggttcccaggggggctcagggtcaggcactggatgtggcagtgtccgccctggcctggctaagccccaaggtattggtgagtggtgcagaagatgggtccttgcagggctgggcactcaaggaatgct
cccttcagtccctctggctcctgtccagattccagaagcctgtgctaggactggccacttcccaggagctcttggcttctgcctcagaggatttcacagtgcagctgtggccaaggcagctgctgacgcggccacacaaggcagaagactttccctgtggcactgagctgcggggacatga
gggccctgtgagctgctgtagtttcagcactgatggaggcagcctggccaccgggggccgggatcggagtctcctctgctgggacgtgaggacacccaaaacccctgttttgatccactccttccctgcctgtcaccgtgactgggtcactggctgtgcctggaccaaagataacctactg
atatcctgctccagtgatggctctgtggggctctgggacccagagtcaggacagcggcttggtcagttcctgggtcatcagagtgctgtgagcgctgtggcagctgtggaggagcacgtggtgtctgtgagccgggatgggaccttgaaagtgtgggaccatcaaggcgtggagctgacc
agcatccctgctcactcaggacccattagccactgtgcagctgccatggagcccccgtgcagctggacagcctgggtcagagcttctggtggtaaccgtcgggctagatggggccacacggttatggcatccactcttggtgtgccaaacccacacccctcctgggacacagcggcccagtc
cgtgctgctgctgtttcagaaacctcaggcctcatgctgaccgcctctgaggatggttctgtacggctctggcaggttcctaaggaagcagatgacacatgtataccaaggagttctgcagccgtcactgctgtggcttgggcaccagatggttccatggcagtatctggaaatcaagctggg
gaactaatcttgtggcaggaagctaaggctgtggccacagcacaggctccaggccacattggtgctctgatctggtcctcggcacacacctttttgtcctcagtgctgatgagaaaatcagcgagtggcaagtgaaactgcggaagggttcggcacccggaaatttgagtcttcacctgaac
cgaattctacaggaggacttaggggtgctgacaagtctggattgggctcctgatggtcactttctcatcttggccaaagcagatttgaagttactttgcatgaagccaggggatgctccatctgaaatctggagcagctatacagaaaatcctatgatattgtccacccacaaggagtatggcata
tttgtcctgcagcccaaggatcctggagttctttcttcttgaggcaaaaggaatcaggagagttgaagagaggctgaactttgatataaacttagagaatcctagtaggaccctaatatcgataactcaagccaaacctgaatctgagtcctcattttttgtgtgccagctctgatgggatcctatg
gaacctggccaaatgcagcccagaaggagaatggaccacaggtaacatgtggcagaaaaaagcaaacactccagaaacccaaactccagggacagacccatctacctgcagggaatctgatgccagcatggatagtgatgccagcatggatagtgagccaacaccacatctaaagac
acggcagcgtagaaagattcactcgggctctgtcacagccctccatgtgctacctgagttgctggtgacagcttcgaaggacagagatgttaagctatgggagagacccagtatgcagctgctgggcctgttccgatgcgaagggtcagtgagctgcctggaaccttggctgggcgctaac
tccaccctgcagcttgccgtgggagacgtgcagggcaatgtgtactttctgaattgggaatga