



Reference: PTXBC011674

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	LH3; procollagen-lysine,2-oxoglutarate 5-dioxygenase 3; lysine hydroxylase 3; lysyl hydroxylase 3		

For research use only.

GENE DESCRIPTION	procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3
GENE ID	8985
ORIGIN SPECIES	Human
ACCESSIONS	BC011674
VECTOR	pDONR223
NCBI SYMBOL	PLOD3
LENGTH	ProteoGenix bp
SEQUENCE PRIMERS	Forward primer M13R (5'→3'): GTAAACGACGGCCAGT Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

ORF1 (Only for reference, product provided without STOP codon):

atgatactctctggccctggcagcccggtctctgctgctctgcctctgcggctcagacctcagcagccggccggcgagacacggcttcaaccacagagaagctcgtggtgatcatctgtggccacagctgaaaccagaggggtacctcgtttctcgcctctgcgg
agttcttcaatacatctgtgcggcaccctgggctctggagagagagtggtggcagggggtgatgtggctcgaacatgtgtgggagacagaaggtctcgtgtttaaagaggaatggagaataatcgtgaccggggagatgatcatcatgtttgtggatagctacgactgattctggcc
ggcagccccacagagctgtcgaagaatgtgtcttcagaaagtggttcagagagctgcctctctctctctcagagagagctgcgtcggcagtggtggggcgtggcgagcatacctgaggtggcgacaggggaagcgcttccaattctgttggtgattcatcgttttgcaccacacatccacaatc
tgcgcaggtgaaagtaacagatgagcagacagcagctgtttacacacgcctctacatggcagcaggatggagggaaacacgccttaattctggatcatctcggatcttccagatccacacggggctttagtagaagttgttttaaagtgtttgacgggaacctgtgtcgtatc
cggaaactgtgacctacacagctccaccattgtgtlcatggaaacgtgctccactaagctgcagctgaactacctggtgaaactatgctcccaatggctggaactctgagggaggtctgtggtcttgcacaacaggagggagacactcccggggggcagctccccccgggtgtttct
ctgctgtgtgtgttggaaacagactctcgttttgcggcgtgtcttcagagcggctgtcactatccccccagacaggggtacacctttctctgcacaacacagagttcttccagatacccccaactctgcagctctgcggcagctcaggacaccttcacgtgtggaagctgtggc
ggcgagagagagctctgagcccgccaggcggagggcagacatggcctgcatgagctgtgtgcaggacccagatgttggtgttacttccatggcagcgacgctcttccaaacctcagacacctgtcgtatctatgaggagaagaagaagttgatgcgccccatctgtccg
ccacggcgaagctgtgtgtccaactcttggggcgccctgagccccgatgagtactacgcccgtcaggactacgtggagctcgtgtgcagcggagcgagttgggtgtgtggaatgtacatacatctccaggcctatgtatccgggggtataccctgcggatggagctgccccagagg
gatgtgtctcggggagtgacacagccagacatggcctctgtgaagagcttttcagacagggacatctcttccatctgagacatcagatgcaattggcggcgtctgcgccactcagatagacagcagacgtcagccacgacctctggcagatctgcacaaacccgtctgactg
gaaggagcatcaatccacagaaactacacggccgctcgtgaaggggaaggaatcgttgagacagatgcggcagactgtgtacatcgtctgcagacaaatgtgtgatgagctgtggcagagatggagacatccgcaggttgacggccgctgacacggccgctgacgaatgaa
ggctggtctggagctacgagaatgtgccaccctgggacatccaatgaagcaggtgggtgtacgaggaccagttgctgcagctgctcggcagtatgtgggccccatgaccgagagcgtgtttccgggtaccacacaaaggcggggcgggtgatgaactttgtgttctacccggc
acagagagcagcgtctctgcggccacacagactacatccactcccaactcaagttgctccctacacaaaggcctggactatgaggaggtgtgctccgcttctcgtctacagctgtgtatctctcccggaaggcgtgggacactctgcaacccggccgctccacct
acacaggaggggctgcccaacagctggcgacacatcaatctgtctcttctgacccctga