



Reference: PTXBC067763

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	CDG1T; GSD14; phosphoglucomutase-1; PGM 1; glucose phosphomutase 1; phosphoglucomutase 1		

For research use only.

GENE DESCRIPTION	phosphoglucomutase 1
GENE ID	5236
ORIGIN SPECIES	Human
ACCESSIONS	BC067763
VECTOR	pDONR223
NCBI SYMBOL	PGM1
LENGTH	ProteoGenix bp
SEQUENCE PRIMERS	Forward primer M13R (5'→3'): GTAAACGACGGCCAGT Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

atgtggaagatcgtgacagcttaagaccacaggctgacacaggaccagaagccgggcacagagcggctgcgggaagccgggtgaaggtgttcacagacagcccaactacgcggagaactctacacagatcatctccacgtggaagccggccgcagcggcaggagccacgtcgtgtg
gtggccgggggacgcggcgtgtctacatgaaggaaggccatcacgtctatcgtcgtacgtgcgcgcacacgggatcgtcgtgtgtgtatcgacagaatggaatctctccacacgtcgtgtatctgtcatcatgaaaaatacaagccattgttgggatcatctgacagcgtacacaa
ccacggggggccccaatggagattttggaatcaaatcttaattgtataatggaggctctgtctccagacagcaataactgtataaaatttccaaatcagcaagaataatgagaataatcgtgttgcctcagctgaaagttagacatttggttgttcttggaaagcagctgtttggttggaaataaagt
caaaccttcacagtgtgaaattgttggtcttgtagaagcttatgtacatctgagaagcatctttgatttcactcagtaagaagacattcttgcggccaaaccagctcaagatcgtatgatctgcatcagtggtgttgggaacctgtatgaataagaagcatctctgtgaagacatcgtgcgc
ccttcgcaactcggcagtttaactcgtcttcctctggaaggactttggaggccacacacgtgcaccccaactcagctatgcagctgacctggtggagaccatgaagtgcaggagagcagtgatttggggcgtcctttgatggagatggggatcgaacaatgattctggccaagcagtggttcttctgt
gaaccttcagactctgtggctgcatctgcgcacacatctgcagctctgatttccagcagactgggttcggcggtcagcagacatgccacagacatcggcgtgtcgtgagctcgggtgtcgtatgctacaagaatgtcttgtagatagacccaactcggctcgaagatttttgggaattgat
ggcgcagcgaacaactgctcctttgtggggagagacgtctgcgaccctgtctgcacacatctgagaagaatgagctgtggcgtctgtcgtctgcctctcatgcccccagcaagcagctgtggaagcaattctcaagaatgagctcgaaaacagatgccgcgaatttcttccac
aggtatgattacagaggaggtggaagctgaggcgcgaacaataatgatgaaggactttggagccctgatgtgtgatcgtcctttgtgggaagcagttctcagcaaatgacaagtttacactgtgggaagggcgataacttgaatacagcgaccacgttgatggagcatttcaagaa
atcgcagctgttcggcctcatttcacagatggttctcgaatcgtcttcacgtgagcggcactgggagtgccgggaccacattcgtgtacatgatagctatgagaagacgttgccaagattaacaggacccccagctgatgtggcccccttatttccattgctcgtgaaggtgccca
gtccagagagagcagggcagctgcacacacgtctacatcactaa