

PGD-phosphogluconate dehydrogenase Gene

Reference: PTXBC000368

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	6PGD; 6-phosphogluconate dehydrogenase, decarboxylating; phosphogluconate dehydrogenase		

For research use only.

GENE DESCRIPTION	phosphogluconate dehydrogenase
GENE ID	5226
ORIGIN SPECIES	Human
ACCESSIONS	BC000368
VECTOR	pDONR223
NCBI SYMBOL	PGD
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)

atggcccaagctgacatgcgctgatcgattggccgtcatggccagaacttaattctgaacatgaatgaccacggctttgtgctgtgcttttaaggactgttccaaagtgatgattctggccaatgagcacaagggaacaaagtgggtgggtgcccatgccctgaagagatggtctcaagctgaagaaagcccgccggatcctcctggtgaagcctggcgaagctggtgatgattcatcgagaattggtaccattgttgatactgtgacatcatcattgacggaggaaattctgaatataggacaccacaagcgtgcccagacctcaaggccaagggaatttatgtggggagcggagctcagctggtggagagaaagggcccggtatggccatgctcctcagggagggaaacaaagacgtggcccccacatcaagaccatctccaaggcattgctgcaaaagtgggaactggagaacccctgctgactgggtggagatgaggagcaggccactcgtgaaagatgggtcacacaacgggatagatgggacatgcagctgatctgtaggcataccacctgatgaaagacgtgctggccatggcgcaggacgagatggccaggcctttgaggatggataagacagagctagactcattcctgattgaaatcacagccaatattctcaagttccaagacaccgatggcaaacctgctgccaagatcaggacagcggggcagaagggcacagggaaagtgaccgcatctccgcccctggaatacggcgtlaccctcaccctcaatggagaagctgtcttctcgggtgcttatctctgaagatgagagaattcaagctagcaaaaagctgaaggtcccagaagttccagtttggatgataaagaatcattcctggagacattcgaagggcactctacgttccaagatcatctctacgtcaaggctttatgctgtaaggcagcagccaccgagttggctggactcattatggtggcatgccctgatgtggagaggggctgcatcattagaagtgattcttaggaaagataaaggatcattgacgaaacccggaaactcagaacctctactggagcactcttaagtacagctgttgaaaactgccaggactcctggcggcggcagtcagcactgggtccaggctggcattccatccatgccctgtttaccactgccctctctctatgacgggtacagacatgagatgctccagccagcctcatcaggctcagcgggattactcgggctcacacctatgactctggccaaaccaggcagttatccaccaactggacagccatggtggcaccgtgatcctctcatacaatgcctga