

Product datasheet for **SC205308**

PGD (NM_002631) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PGD (NM_002631) Human 3' UTR Clone
Symbol:	PGD
Synonyms:	6PGD
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002631
Insert Size:	792 bp
Insert Sequence:	>SC205308 3'UTR clone of NM_002631 The sequence shown below is from the reference sequence of NM_002631. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACCGTGCATCCTCGTCATAAATGCCTGATTCATGCTGCTCCTGTCACCCTCCACGATTCCACAGACCA
GGACATTCATGTGCCTCATGGCACTGCCACCTGGCCCTTTGCCCTATTTTCTGTTCAGTTTTTTAAAA
GTGTTGTAAGAGACTCCTGAGGAAGACACAGTTTTATTTGTAAGTAGCTCTGTGAGAGCCACCATGC
CCTCTGCCCTTGCTCTTGGGACTGACCAGGAGCTGCTCATGTGCGTGAGAGTGGGAACCATCTCCTTG
CGGCAGTGGCTTCCGCGTGCCCGTGTGCTGGTGCGGTCCCATCACGCAGACAGGAAGGGTGTTTGCG
CACTCTGATCAACTGGAACCTCTGTATCATGCGGCTGAATTCCTTTTTCTTTACTCAATAAAAGCTA
CATCAGACTGATGCTCTTTCTCCAGATTCTTAGTCTCACCTCGGCCACATGGAGCCATTATCCCCATTG
GCAGAAAGATTTTTCTTTAAAAAAAAGACTAGAATAACACAAGAAACCACATTTAGGATTATGCTTCA
CTCAGAGGAGGCAGGCAGGGAGGACACACCAGGGGCTTTAATACACTGGGCATGTTTTCTTTCTCCAAT
TGGGCAATGGGTACATGGACGTTCACTGTAACGTGCTTTTTCTTTTCGCTTTTTTTTTTTTTTTTTTTT
TTTTGCTCCTGGCAAGCTGTGCGTGACATTCTTTATGGCTTTTTGTATGTCAAATACTTCATACTAAAC
TTTCTAGAGAATTAACCTTTAATGATGGGCTCA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: Sgfl-Mlul



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_002631.4</u>
Summary:	6-phosphogluconate dehydrogenase is the second dehydrogenase in the pentose phosphate shunt. Deficiency of this enzyme is generally asymptomatic, and the inheritance of this disorder is autosomal dominant. Hemolysis results from combined deficiency of 6-phosphogluconate dehydrogenase and 6-phosphogluconolactonase suggesting a synergism of the two enzymopathies. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2015]
Locus ID:	5226
MW:	30.1