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Product datasheet for SC204044

PIGC (NM_002642) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PIGC (NM_002642) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PIGC
Synonyms:	GPI2; GPIBD16; MRT62
ACCN:	NM_002642
Insert Size:	302 bp
Insert Sequence:	>SC204044 3'UTR clone of NM_002642 The sequence shown below is from the reference sequence of NM_002642. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAGGAAGACTTGTCCAGGTTCCTCAGTTAAATTAGGACATCCATTACATTATTAAAGCAAGCTGATAGA TTAGCCTCCTAACTAGTATAGAACTTAAAGACAGAGTTCCATTCTGGAAGCAGCATGTCATTGTGGTAA GAGAATAGAGATCAAAACCAAAAAAAATGAACCAAAGGCTTGGGTGGTGAGGGTGCTTATCCTTTCTGT TATTTTGTAGATGAAAAAACTTTCTGGGGACCTCTTGAATTACATGCTGTAACATATGAAGTGATGTGG TTTCTATTAAAAAAATAACACATCCA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
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:	NM_002642.4

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Summary: This gene encodes an endoplasmic reticulum associated protein that is involved in glycosylphosphatidylinositol (GPI) lipid anchor biosynthesis. The GPI lipid anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. The encoded protein is one subunit of the GPI N-acetylglucosaminyl (GlcNAc) transferase that transfers GlcNAc to phosphatidylinositol (PI) on the cytoplasmic side of the endoplasmic reticulum. Two alternatively spliced transcripts that encode the same protein have been found for this gene. A pseudogene on chromosome 11 has also been characterized. [provided by RefSeq, Jul 2008]

Locus ID: 5279

MW: 11.6