

Product datasheet for SC202541

PIGP (NM_153681) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PIGP (NM_153681) Human 3' UTR Clone
Symbol:	PIGP
Synonyms:	DCRC; DCRC-S; DEE55; DSCR5; DSRC; EIEE55; PIG-P
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_153681
Insert Size:	248 bp
Insert Sequence:	<p>>SC202541 3'UTR clone of NM_153681</p> <p>The sequence shown below is from the reference sequence of NM_153681. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GCAGCCAAAGAACTTTACACCAAAAACTAAGTGTGTGAACCATAGTAACACCAAGCACGTATTTATT
TATAAGTTTTTGCATTATAATTTTGACCATAAATTAATTTGACCATCTCTTATTAATAGAGAAGTA
AAAAATGTAAGTTGACCTTCTCTTAGATTATGTTCAATGAATATTGTAATGTTCAAGTATTGTTAATG
AATAGAATAAATAACAATATTGCATTCCCATATAGCAGACTT
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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:	<u>NM_153681.2</u>


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Summary:

This gene encodes an enzyme involved in the first step of glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells that serves to anchor proteins to the cell surface. The encoded protein is a component of the GPI-N-acetylglucosaminyltransferase complex that catalyzes the transfer of N-acetylglucosamine (GlcNAc) from UDP-GlcNAc to phosphatidylinositol (PI). This gene is located in the Down Syndrome critical region on chromosome 21 and is a candidate for the pathogenesis of Down syndrome. This gene has multiple pseudogenes and is a member of the phosphatidylinositol glycan anchor biosynthesis gene family. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Feb 2016]

Locus ID:

51227

MW:

9.4