

## Product datasheet for **SC202542**

### PIGP (NM\_153682) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PIGP (NM_153682) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PIGP
Synonyms:	DCRC; DCRC-S; DEE55; DSCR5; DSRC; EIEE55; PIG-P
ACCN:	NM_153682
Insert Size:	238 bp
Insert Sequence:	>SC202542 3'UTR clone of NM_153682 The sequence shown below is from the reference sequence of NM_153682. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCAGCCAAAGAAGCTTTACACCAAAAAC <b>TGA</b> ACTGTGTGTAACCATAGTAACACCAAGCACGTATTTATT TATAAGTTTTTGCCATTATAATTTTGACCATAAATTAATTTGACCATCTCTCTTATTAATAGAGAAGTA AAAAATGTAAGTTGACCTTCTCTTAGATTATGTTCAATGAATATTGTAATGTTCAAGTATTGTTAATG AATAGAATAAATAACAATATTGCATTCCATA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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><a href="#">NM_153682.3</a></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:**

9.1