

Product datasheet for **SC202541**

PIGP (NM_153681) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | PIGP (NM_153681) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | PIGP |
| Synonyms: | DCRC; DCRC-S; DEE55; DSCR5; DSRC; EIEE55; PIG-P |
| ACCN: | NM_153681 |
| Insert Size: | 248 bp |
| Insert Sequence: | >SC202541 3'UTR clone of NM_153681 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. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCAGCCAAAGAAGCTTTACACCAAAAAC TGA ACTGTGTGTAACCATAGTAACACCAAGCACGTATTTATT TATAAGTTTTTGGCATTATAATTTTGACCATAAATTAATTTGACCATCTCTTATTAATAGAGAAGTA AAAAATGTAAGTTGACCTTCTCTTAGATTATGTTCAATGAATATTGTAATGTTCAAGTATTGTTAATG AATAGAATAAATACAATATTGCATTCCCATATAGCAGACTT ACGCGT AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG 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