

Product datasheet for **RC205919**

PIGF (NM_002643) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: PIGF (NM_002643) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: PIGF
Synonyms: OORS
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC205919 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAGATAACGATATCAAGAGACTACTGTATACCCATCTTTTATGCATATTTTCAATTATCCTAAGTG
TCTTCATTCCATCACTCTTCTTGGAGAACTTCTCAATATTGAAACACACTTGACATGGTTGTGCATCTG
TTCTGGTTTTGAACTGCTGCTCAATCTAGTACTATATTTAGTAGTAAACCAAATACATCCTCTAAAAGA
AGTTCATTATCACACAAGGTAAGTGGATTTTTGAAATGCTGTATCTACTTTCTTATGTCTTGTCTTCTCT
TTCATGTAATTTTTGTTCTGTATGGAGCACCCTGATAGAGTTGGCATTGGAAACATTTTTATTTGCAGT
TATTTTGTCTACTTTTACTACTGTGCCTTGCTTATGTTTGTAGGACCAACCTCAAAGCATGGCTAAGA
GTGTTCCAGTAGAAATGGAGTTACATCCATATGGGAGAATAGTCTCCAGATCACTACAATTTCTAGCTTTG
TAGGAGCATGGCTTGGAGCACTTCTATTCCACTGGATTGGGAAAGACCATGGCAGGTATGGCCCATCTC
CTGTACGCTTGGAGCGACCTTTGGCTACGTGGCTGGCCTGTTATTTACCACCTCTGGATATACTGGAAT
AGAAAGCAACTTACATACAAGAACAAT

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_002643.4](#)

RefSeq Size: 1057 bp

RefSeq ORF: 660 bp

Locus ID: 5281

UniProt ID: [Q07326](#)

Cytogenetics: 2p21

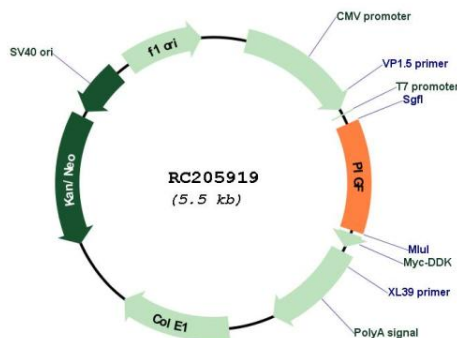
Protein Families: Transmembrane

Protein Pathways: Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, Metabolic pathways

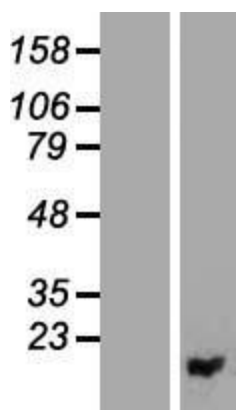
MW: 24.9 kDa

Gene Summary: This gene encodes a protein involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor, a glycolipid containing three mannose molecules in its core backbone, is found on many blood cells where it serves to anchor proteins to the cell surface. The encoded protein and another GPI synthesis protein, PIGO, function in the transfer of ethanolaminephosphate to the third mannose in GPI. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC205919



Western blot validation of overexpression lysate (Cat# [LY419196]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205919 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).