

Product datasheet for MR216764

Pigp (NM_001159620) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pigp (NM_001159620) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pigp
Synonyms: Dcrc; Dscr5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR216764 representing NM_001159620
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGATTATGTAAACAGACCATTGGTGAAGGGGGCGGGGGGAGATGTCTGACGACGATTGTGTTCTTT
TCCACAGATTGTCTAAAGCCACAGGGAAGATGGTGGAAAATTCACCGTCGCCATTGCCAGAAAGAGCGAT
TTATGGCTTTGTCTTTTCCTAAGCTCACAAATTTGGCTTCATACTTTATCTTGTGTGGGCTTCGTTCC
GAATCTTGTTAACTCCTTAGGCTTAAGTACTGGCCTCAAAAATACTGGCGGTTGCATTGCCCGTCT
ACCTCCTTATCACAGTTGTAATTGGTTATGTGCTCTTATTTGGAATCAACATGATGAGTACCTCTCCACT
TGACTCCATTACATACGATCACAGGGATCTCGATTGTCTCACATCAAGCAGGTGAGCCAGGCCATGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR216764 representing NM_001159620
Red=Cloning site Green=Tags(s)

MRLCNRPLVKGGRCLTTIVFLFHRLSKATGKMVENSPLPERAIYGFVFLSSQFGFILYLWVAFVP
ESWLNLSGLTYWPQKYWAVALPVYLLITVVIGYVLLFGINMMSTSPLDIHTITGISIVSHQAGEPGHV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">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:	<u>NM_001159620.1</u> , <u>NP_001153092.1</u>
RefSeq Size:	846 bp
RefSeq ORF:	420 bp
Locus ID:	56176
Cytogenetics:	16 C4
MW:	15.9 kDa
Gene Summary:	Part of the complex catalyzing the transfer of N-acetylglucosamine from UDP-N-acetylglucosamine to phosphatidylinositol, the first step of GPI biosynthesis. [UniProtKB/Swiss-Prot Function]