

Product datasheet for MC210313

Pigyl (NM_001082532) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pigyl (NM_001082532) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pigyl
Synonyms:	1810008A14Rik; PIG-Y; Pigy
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210313 representing NM_001082532 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATCCGGTCCCTGCCACCATGACCGTCCTCATCCCACTGGTCTCGTGGCAGGCCTGCTCTACTCCG
 CCTCCGTGGAGGAAGGCTTCCAGAGGGCTGCACGAGCGCCAGCAGCCTGTGCTTCTACAGCTTGCTCTT
 GCCGGTACCGTGCTGTGTACGTGTTCTCCATCTGTGGACATGGATGGGCCTGAAGCTCTTCAGACAT
 AACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001082532
Insert Size:	216 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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).


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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001082532.1, NP_001076001.1

RefSeq Size: 692 bp

RefSeq ORF: 216 bp

Locus ID: 66268

UniProt ID: P0C1P0

Cytogenetics: 9 A3

Gene Summary: This gene encodes a homolog of a human protein that functions in glycosylphosphatidylinositol biosynthesis. The human protein is expressed from an unusual locus that encodes two distinct proteins in upstream and downstream CDSes; however, in mouse these two proteins are expressed from distinct loci. The product of this locus is highly similar to the protein expressed from the human downstream CDS. A separate mouse locus on chromosome 6 is orthologous to the human locus and encodes a protein similar to the human protein expressed from the upstream CDS. [provided by RefSeq, Jul 2008]