

Product datasheet for **MC214504**

Pigl (NM_001039536) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pigl (NM_001039536) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pigl
Synonyms: Gm737
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214504 representing NM_001039536
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAATTGGTGGGTTTCTTGTGTGTGGCCGTGGCTGTCCTGACTTGGGGCTTCTCCGGGTTTGGAACT
CAGCGGAACGAATGAGGTCTCCGGAGCAGGCGGGCCTGCCGGAGCCGGAAGCCGGGCCCTGTAGTGAT
CGCGCACCCGGACGATGAAGCCATGTTCTTTGCTCCCACCATGCTAGGCTTGGCACGCCTGGAGCAGCAG
GTGTCCCTGCTCTGCTTCTCCTCAGGAACTACTACAATCAAGGTGAGATTGAAAAGAAAGAGCTTCTGC
AAAGCTGTGCTGTGTTGGGGATTCCACCTTCCCCTGTAATGATTATTGACAAGAGGGACTTCCGGATGA
TCCAGAAGTGCACTGGGACACGGAGCTCGTGGCCAGCACCCCTCCTCAGCACATACATGCCAATGGCACT
GACCTGGTGGTGACTTTTGTATGCAGAAGGAGTCAGTGGTCACAGCAACCATATTGCTTTGTACAAAGCTG
TGAGGGCCCTGCACTCAGGAGGGAAGCTGCCTAAAGGGTGTCCGTGCTCAGCTCCAGTCTGTGAACGC
GCTTCGGAAGTACGCCTTCTCCTGGATCTGCCCTGGACTCTGCTGTACCCAGGATGTTCTCTTTGTG
CTCACCAGCAAAGAAGTGGCACAGGCCAAGAAAGCCATGTCCTGCCACCCAGCCAGCTCCTCTGTTCC
GATACCTCTACGTCTCTCTCCAGATACATGAGAATCAACTCACTGCGGTTCTCT**GATGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001039536
Insert Size: 759 bp



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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).
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:	NM_001039536.2 , NP_001034625.1
RefSeq Size:	1657 bp
RefSeq ORF:	759 bp
Locus ID:	327942
UniProt ID:	Q5SX19
Cytogenetics:	11 B2
Gene Summary:	Involved in the second step of GPI biosynthesis. De-N-acetylation of N-acetylglucosaminyl-phosphatidylinositol (By similarity).[UniProtKB/Swiss-Prot Function]