

Product datasheet for **RN211185**

Pigl (NM_138901) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pigl (NM_138901) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pigl
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211185 representing NM_138901 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGTGGTGGGTCTCTTGTGTGTGGCCGTGGCTGTCCTGACTTGGGGCTTCTCCGGGTTTGGAACT
CAGCGGAACGAATGAGGTCTCCGGAGCAGGCGGGCCTACCGGGAGCCGGAAGCCGGGCCCTGTAGTGAT
CGCGCACCCGGACGATGAAGCCATGTTCTTTGCTCCACGATACTAGGCTTGGCACGCCTGAAGCAGCAG
GTGTCCCTGCTCTGCTTCTCCTCAGGAAATTAACAATCAAGGTGAGATTGCAAAGAAAGAACTTCTGC
AGAGCTGTGCTGTCTTGGGGATTCCACCTTCCCGTGAATGATTATTGACAAGAGGGAGTTTCCAGATGA
TCCAGAAGTGCAGTGGGACACAGAGCATGTGGCCAGCACCATCCTCCAGCACATACATGCCAATGCCACC
GACTTGGTGGTGACTTTTGTGATGCAGAAGGAGTCAAGTGGTCAAGCAACCATATTGCCTTGTACAAAGCTG
TGAGGGCCCTGCACTCAGGAGGGAAGCTGCCTGAAGGGTGTCTGTACTTACTCTCCAGTCTGTGAACGT
GCTTCGGAAGTATGTCTTCTCCTGGATCTCCCTGGACTCTACTGTGCCCCAGGGTGTCTCTTTGTG
CTCACCAGCAAAGAAGTGGCACAGGCCAAGAAAGCCATGTCTGCCACCGCAGTCAGCTGCTCTGGTTCC
GCCACCTTACACCGTCTTCTCGAGATACATGAGCGTCAACTCGCTGCAGTTGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_138901
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_138901.2 , NP_620256.1
RefSeq Size:	1410 bp
RefSeq ORF:	759 bp
Locus ID:	192263
UniProt ID:	O35790
Cytogenetics:	10q23
Gene Summary:	catalyzes the N-deacetylation of N-acetyl-D-glucosaminylphosphatidylinositol in the second step of GPI anchor biosynthesis [RGD, Feb 2006]