

Product datasheet for **MC204761**

Pigb (NM_018889) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pigb (NM_018889) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pigb
Synonyms:	Pig-b
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC052658
AAGAGGTAATCCGTCGCGCTACAAGAAAGTGAGGGGCGGGCACCGTGGGCTGCAGGTAGCCGGGAGGAT
GGAGTCCCAGGCCCGGACTATAACCCGGCCTCCCGCAATCTCCACGGCAGCTCGGGAGAAATGAAGCTG
CGGAGGAGGAAGTCCAGGCAGTACGTGAGCGCGCAGGAGAAACGCTCTCCGCGCCGTGGTCTTCTGGAG
AAAACACTTACCTGGTCTGTTTACCATCGCTCTGCGAATACTTAACTGCTTCTTAGTGCAGACAAGCTT
TGTTCTGATGAATACTGGCAGTCCCTCGAAGTTGCACACCGCATGGTTTTCAGTTATGGTTATTTGACC
TGGGAATGGACGGAGCGATTGAGAGGCTACACTTACCCCTCATCTTCGCCAGTATTACAAGGTTCTGC
ATCTTCTGGGGAAGACAGTGTTCAATTCCTGATCTGGATTCCCAGACTTGGCCAAGCTCTTCTGTCTGC
TGTAGCGGATATAAGGCTCTACTCCCTCCTGAAGCAGCTGGAAAACAGGAAGTGGCACAATGGGTGTT
CTCTGCCAGCTGTGCTCCTGGTTCACATGGTACTGCTGCACACGGACCCTCACGAACACCATGGAGACCT
CCCTCACTGCCCTCGCCCTTTTCTACTATCCTCTGGAAGGCTCGAGGTCCGTGAACAGCGTCAAGTACTC
GCTCCTGGTGGCACTTGCTTGTGTGGTCCGCCACAGCTTATCCCATGGGTGCCGCTGCTCTCAGA
CATTTCTACCAAGAACAGAGAAAGCTCCATCTGACTCTGCATCATTTTTTACCTGTAGGATTTATAACCT
TCAGTTTGTCTCTGATAATTGACCGTATCTTTTTTGGCCAATGGACGCTGGTCCAATTAATTTCTTGAA
ATTTAACGTGCTGCAGAACCTAGGGACGTTTTATGGCTCCCATCCATGGCACTGGTACCTCAGTCAAGGG
TCCCAGTTGTCTGGGACCCACTTACCTTTCTCATTACGGTTGCTTCTAGCCCCAAGGAGGCTCC
ACATACTGCTGCTGACCGTGCTGTGGACACTGCTGGTATACAGCATGTTGGGCCACAAAGAATTCAGGTT
TATCTATCCAGTTTTACCATTCTGCATGGTGTCTGTGGTTACTCACTAGCCACCTGAAGACATGGAGG
AAGGCAGCCCTGAGCTTCTGCTCTTGTCAAATGTGCCACTGGCATTCTACACTGGCCTAGTTTCATCAGA
GAGGCACCCTGGATGTCATGAATCACGTTACAGAAAGTCTGCCCCGAGGTCTGACCCAGCTTCGGCCTC
AGTATTCATAATGATGCCCTGCCACTCCACGCCTTACTACAGCCATGTTCACTGCCACTGTCCATGCGG
TTTCTCCAGTGTCCCCAGACTTGACTGGAAAACTCAGTATCTTGATGAAGCAGATATGTTCTACTTAA
ACCCCTTAAGATGGTTACAACAAGAATTTACAGCAATGGCTCACTCCCACTCACTTGGTCACCTTCAA
TGTTCTGGAGAAGGAGATCAATACCTTCTCACCTCAGGGAACTACGAGAGGGCCGCTACATTCTCCAC
ACTCACTGGCCAGAGCGCGAACTGGAAGTCACATACACGCTCTACGAGCGAAGGTTACCCGGCAGGGTCA
ACACAGGAGGGAAGTGAAGTGAAGCATAAGAACAACCAGCCTCGTCTCCATCGGCTTTATCCCTCAATGA
GAGAAGAGACACAGCTCGCAGAGCAGTCTCAACCTTCCCCCGTCCAGGCAAGTGCAGTGCAGGAGCAC
TGCTGTCTTCCCACTCTGCCTGCTGGCTCCTCCACTGCCTTACGCCAGGACCTGCACACAAGCGCTCTGC
AGCGCTCAGCTCTAAGCACCTGACTTGACATCTCTGGGTTACAGTGCATCACTCTGCCTTCTCGCTT
AGCCTTCTCTAACCAGCACAGATAGCATTGTCCCTGCACTAGACCAATGGGGACTGGCTTCGAAGTG
AGTAGAAATGGCCATGTACCTACCAACCGTCTCTCCAATAAATGTCAACAGATAAAAAAAAAAAAAAA AA

Restriction Sites: RsrII-NotI

ACCN: NM_018889

Insert Size: 1629 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).

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: [BC052658](#), [AAH52658](#)

RefSeq Size: 2102 bp

RefSeq ORF: 1629 bp

Locus ID: 55981

UniProt ID: [Q9JJQ0](#)

Cytogenetics: 9 D

Gene Summary: Mannosyltransferase involved in glycosylphosphatidylinositol-anchor biosynthesis. Transfers the third alpha-1,2-mannose to Man2-GlcN-acyl-PI during GPI precursor assembly (By similarity).[UniProtKB/Swiss-Prot Function]