

Product datasheet for **MC202775**

Pigm (NM_026234) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pigm (NM_026234) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pigm
Synonyms:	4933437L05Rik; AI644422; AV302080; C920011G20Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC083115 sequence for NM_026234
 CATTCTCGGTTCTTCTGTGCGGTGCTGTAGCAGAGGAGATGCTCCCGCGGCTGAGAGGCGTCAGCCCC
 AGGACGGTTAGCGAGAGGGGCGCAGTGTGGACCCGGGGCCGGGCCGGGCGGGTGGCCCGACTCG
 GACCATGAGCTACCCATGCACTGGGGGAATGGATCCTGAACTTTCGGGTGCCGCCCGCGGGTGTTC
 GGCGTGGCCTTCTGGCCGGGTGCGCCTGGTTTTCTACGGTGTCTTCCAGGACCGGACTCTGCTGGTGA
 GGTACACCGACATAGACTACCACGTGTTACGGACGCCGCGCTTCGTACGGAAGGGCGCTCCCCGTA
 CCTGCGGGCGACCTACCGCTACACCCGCTCCTGAGCTGGCTCCTCACCCCAACGTCTACCTCAGCGAA
 CTCTTCGGCAAGTTTCTTTCATCAGCTGCGATCTCTCACCGCCTTCTCTGTACCGCCTGCTGCTGC
 TCAAGGGGCTGGGGCGCCGCAAGCCTGTGGCTACTGCGTCTTCTGGCTTCTCAACCCTTTGCCATGGC
 GGTGTCCAGCCGGGGCAACGCGGACTCCATCGTCGCTCCCTGGTTCTCTCGACCCTGTACTTCATAGAG
 AAACGGCTCATCGCGTGCGCCGGTGTCTATGGCTTCGCGGTGCACATGAAGATGTACCCGGTACCT
 ACATCCTCCCATAGCGCTCCATCTGCGGCCGAGCGCGACGATGACGAGCGTCTCCGGCAAGCCCGTT
 CTCTTCCAGGCTCGTTGTACGACTTCTGAGGAGGCTGTGTAGCTGGGAGTGTCTTTTCGTAGCA
 GTTGCAGGGCTCACGTTTGTGCCCTGAGCTTCGGTTTTTACTATAAGTACGGTTGGGAGTTTTGGAGC
 ACACCTACTTTTATCACCTAACTAGGAGGGATATCCGCCATAATTTCTCTCCGTACTTCTATATGCTGA
 TTTGACTGCCGAGAGCAAGTGGAGTTTTACTCTGGGGATTGCGGGTTCCTGCCACAGTTTCTTGTCTG
 TCAGCCGCATCTTTCGCCTACTACAGAGACCTGTCTTCTGCTGTTTCTTCATACGTCCATTTTTGTGA
 CTTTTAACAAAGTCTGCACCTCTCAGTACTTTCTTTGGTATCTCTGCCTTCTGCCTCTGGTGATGCCACT
 GGTGAGGATGCCTTGGAAAAGAGCCGTAGTCTTACTGTTCTGGTTCATAGGACAGGCCCTTAGGCTG
 GCTCCTGCATATGTTCTAGAGTTTCAAGGAAAGAACACCTTCTGTTTATTTGGTTAGCCGGTTTGTCT
 TCCTTCTGATCACTGTTCCATACTGATTACAGATTATTTCCATTACAAGGAGGACCGCCTAACGGAGAG
 AATCAAATACGACTAATGTGTTCTGGATCTTCTGCAACATTCTGATTTTCCGATAGGACTAGGAGGCTT
 TGGATTTTTCTCCTCCCTGAACATTCTAAGCACTCTAGTAAAAGTTTCTTTGTTCCAATAGAAAATAAA
 ACCAGTGTGGCCTTATATATAAAGGGGCCAAGAACTGAGGTCCATGGTCCATCTTTAGAAAGTCTTA
 GGGCTCATTTGCTTGATGAGAAGAAAGCCATTCCTGTTTACAGTTGAGAAGCCGGTGAAGCTAGAAGAT
 GCTGAAATATTTTTGAACAGTAGAGGAATAAGTCTCTAGCAGCGTTTGTCTGTACATGGTGTACT
 GTTGTACCTTCAGCCCTGCCTTTTTTTTTTCTGCACTTCTGACAGCGGTGGAAGTTGACAAAATC
 CCTAAAGCACAACATTTTACGTATTAAGTATTAACAGTTCATGCTCGGTTGGGAAAGTCTGAAATTTT
 TGTAAGTGTGGGGCTTAGAAGAGAACTAATCCAAAGAACTAAATTTGTGATCATGATTTGTTTTG
 TAATTGAGTTTTTCAGTATTAATAAACTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_026234
- Insert Size:** 1272 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: [BC083115](#), [AAH83115](#)

RefSeq Size: 2049 bp

RefSeq ORF: 1272 bp

Locus ID: 67556

UniProt ID: [Q8C2R7](#)

Cytogenetics: 1 79.73 cM

Gene Summary: Mannosyltransferase involved in glycosylphosphatidylinositol-anchor biosynthesis. Transfers the first alpha-1,4-mannose to GlcN-acyl-PI during GPI precursor assembly (By similarity). [UniProtKB/Swiss-Prot Function]