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Product datasheet for MC205891

Pigv (NM_178698) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pigv (NM_178698) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pigv
Synonyms:	B330013B03; D430024F16Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC055060
GTTGGAGCTCCGCGGGGGTGGTCTGGACGCGCGGGCGCGGAGGATCCGGCGCCAGCTCTGCAACTCTGGA
GTCCTCCGGGGAGGGAAGCTGTCAAACGCAGGCCGAGAGAAATTAGGCGGAGGCTGTAGAGAAGCGAGGA
GCCCCGCCCCTCCGCCATAGCAGCCTCCGGCGCCGCCTCTTCCTTTGCAGCCTCCGGCCCTCGTCTGCTT
CCGGCCCCGTTGCCTGGCCCGGCCCCGCGATTCCCCCGGGACGAAGCCCTGGGCCGTGGCTCCCTTGGGA
ATTTAGAAGCCGGAGGAAGCTCAGTCCTGGTGGTGAGAGAGAGGATGGGACTCCTGGACCCATCCCAGAA
AGAGGTGCTGAGATTCGCAGTAAACTGCCGCATCCTGACTCTAGTGCTACAGGCACTCTTCAACCTCATC
ATCCCAGATCACCACGCAGATGCCTTTTGCCCTCCCCGCCTCGCCCCCTCGGGCTCTGCGGATCAGCTTG
TGGAAGGTCTTCTGGGTGGTCTGTCTCGATGGGATGCTGAACACTTCCTGTTTATCGCTGAGCACGGCTA
CCTTTATGAGCACAACTTTGCCTTCTTCCCTGGCTTTCCCTTGGCCCTGCTGATGGGGACTGAGCTGCTG
AGACCCTTGCAGGGCCTCTTGAGCCAGCGCAGTTGCCTGCTGGTCTCAGTAGCACTTCTCAACTTGCTGT
TCTCCGTGCTGGCTGCAGTGGCACTCCATGACTTGGGTTGTCTGGTTCTGCACTGTCCTCGGCAGGCCTT
GTGTGCAGCGCTGCTCTTCTGCATCAGTCCTGCCAACGTTTTCCTGGCAGCCGGCTACTCAGAGGCTTTG
TTTGCCTTCCTGACGTTCAGCGCCATGGGGCAGCTGGAGAGGGGCCGTGGCTGGGCTAGTGGGCTGCTCT
TTGCTCTTGCTGCTGGGGTGCGCTCCAATGGGCTGGTGAGCCTTGGCTTCCTCCTGCACTCCCAGTGCAG
AGGCTTTTGTTCCTCTCTGGCGGTGCTGAGCCCCTGGAAGCCCCTCGTGAAGCTGATGGCCTCTGTGTGC
TTGTCGGTGCTCATAGTCAGCCTTCCCTTCGCCCTCTTTCAGTATCGTGCCTACATCCAGTTCTGCTCAC
CAGGCTCAGCCCCCTCCATCCCTGAGCCCTTGCTGCAGCTAGCTGCCGACAAAGGCTACCGGCTTGCAGG
AGAAAATGCACCCCCATGGTGCTCCTGGGACCTTCCTCTAATATACAACTATATTCAGGATGTCTACTGG
AATGTTGGTCTTCTGCGATACTATGAGCTCAAACAGGTGCCCAATTTCCTACTAGCTACACCAGTGACAG
TACTGGTTGTGTGGGCAACCTGGACATATGTGACCACCCACCCTTGGCTCTGCCTTACACTTGGGCTGCA
AAGAACCAAGGACAGGGAGAACCCGGAGAAGCCCCACCGTGGCTTCCTGAGTCCGAAGGTGTTTGTGTAC
CTGGTCCACGCTGCAGCACTGCTGGTCTTTGGAGGTCTGTGCATGCATGTCCAGGTTCTCACGCGGTTTT
TGGCCTCTTCCACTCCTATCATGTACTGGTTTCCAGCTCACCTGCTTCAGGATCAAGAACCGCTGCTGAG
GTGTGTGGACACAGAGCCTGGGAAGCTTCCTCAGGAGAAGTCCCCACCAGGACAGAAGGCCCCCAGAAAC
TGTCTCATGAAACTCTTCTACAATTGGAAGAGATGCTCTCCAGTCACAAGATGCGTTCTGGTCTACTTCC
TGACCTACTGGCTTCTGGGACTAATTCTCCATTGCAACTTCCTGCCTTGGACTTGACCTGGAGTGTCAAG
GGTTGAAAGCTCTAAGACGACACCCTGGCTGGGACAGCCCGCACACTCCGGAGAGCACTGTGCAGTAGGA
TCTCCGGGTCTCTCTGGGGGCCAGCTAAGAAGGGAAAATGGGAGCACAGGCGCCCCTTCTCATCCTGGGC
GGGGCAGGTGTAGGGGAGTAACTTCAGTGCTCAGTGCAGGGGTCTCAGATCTCCCTAGTCCACAAGTACT
AGGCAATCTTAAACCTACTACTGATCCACGTGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAAG

Restriction Sites: RsrII-NotI

ACCN: NM_178698

Insert Size: 1482 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:	BC055060, AAH55060
RefSeq Size:	2115 bp
RefSeq ORF:	1482 bp
Locus ID:	230801
UniProt ID:	Q7TPN3
Cytogenetics:	4 D2.3
Gene Summary:	Alpha-1,6-mannosyltransferase involved in glycosylphosphatidylinositol-anchor biosynthesis. Transfers the second mannose to the glycosylphosphatidylinositol during GPI precursor assembly (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1). Variants 1 and 4 encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.