

Product datasheet for **MC219600**

Alg9 (NM_133981) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Alg9 (NM_133981) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Alg9
Synonyms:	8230402H15Rik; AI747665; B430313H07Rik; Dibd1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219600 representing NM_133981
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGAGCCGAAGGGCCCGGCAGCGCCTCAAGGGTGGCGGGCGGTGGCGGGCGGTGGGGATGCGG
 GCCGGCGGGCGGAGAAGCTGGAACAGCTCGGCAGCCGGGAGGCAGGCGCAGAGCCGGCCAGAGTCTGG
 AAATAAAGCAGGGCAAGTCTGGGCCCTGAAGGATCCACTGCTTTCAAGTGTCTGCTCTCAGCGAGGTTG
 TGCGCAGCCCTTCTGAGCAACATCTCGGACTGTGATGAAACATCAACTACTGGGAACCAACACTACTACC
 TCATCTACGGGAAGGGATTCCAGACATGGGAATTTCCCCCGTGTATGCCATCCGCTCATATGCTTACCT
 GCTGCTGCACGCCTGGCCAGCTGCATTTTCATGCACGGATTCTGCAGACTAACAAGATTCTGTATTCTAC
 TTTTTGAGATGTCTCCTGGCTTTTGTGAGCTGTGTTTGTGAACCTTACTTTTATAAGGCTGTGTCAAGA
 AGTTTGGGCTGCATGTGAGTGAATGATGCTGGCCTTCTGGTGTCTCAGCACGGGCATGTTCTGCTCATC
 ATCTGCATTCCTCCCGCAGCTTCTGCATGTACACCACGCTGATCGCCATGACGGGATGGTATATGGAC
 AAGACACCCATTGCTGTGCTGGGAGTAGCAGCTGGTGCCATCTTAGGGTGGCCGTTTAGTGCAGCTCTTG
 GTTACCCATCGCCTTCGACTTGTGCGCAGGAAGCACAGGTGGAAGAGTTTTCTCCTCTGGTCCCTGGT
 GGCCCTGGCTCTCTTCTTGGTGGCCGTGGTGGTCAATTGACAGCTACTATTACGGGAAGTTGGTGGTTGCC
 CCTCTCAACATTGTTTTGTATAACGTCTTTACGTCTCATGGACCTGATCTTTATGGTACAGAACCATGGT
 ATTTCTATTTAATCAATGGATTTCTGAACCTCAATGTTGCCTTTGCTTTGGCTCTCTGGTTTTGCCACT
 GACTTTCCCTTATGGAGTACCTGCTGCAGAGGTTCCATGTTCAGAAATTTAGGACACCCGATTGGCTGACC
 TTGGCGCAATGTATATTTGGTTTATAATTTTCTTCATCCAGCCTCATAAAGAAGAGCGCTTTCTCTTCC
 CAGTCTATCCGCTCATATGCCTCTGTGGTGTGTTGCTCTTTCTGCACCTCAGAAATGCTACCACCTTGT
 GTTTCAACGATACCGCCTGGAGCATTACACGGTGACGTCCAAGTGGCTGGCGCTGGGCACAGTTTTCTCTG
 TTTGGGCTCTTGTGCTTCTCCCGCTCTGTGGCTCTGTTCAAGGATACCGGGCCCTTGATTTATATC
 CAGAATTTTACAGAATTGCCACAGACCCAACTCCACTGTCCAGAAAGGAGGCGCCGTGAACGTCTG
 TGTGGGAAAAGAGTGGTATCGATTTCCAGTAGCTTCTTCTGCCTGACAATTGGCAGCTTCAGTTCATT
 CCATCAGAGTTCAGAGGTCAGCTACCAAGCCTTTCGAGAGGGACCCTGGCCACCAGGACTGTTCCCA
 CTCACATGAACGACCAGAACCGAGAGGAGCCTTCCAGATACATTGACATCAGCAATGCCATTACTAGT
 GGATTTGGATACCATGAGAGAAACCTCGGGAGCCAACTACTCATCCACAGAGAAGAGTGGGTCAGC
 CTGGCTCAGACACATTCTGGATGCGTCTAGGCTTCCAAGTGTCTTCGGGCATTCTATGTTCCCTTCC
 TGTGAGATCAGTACACGGTGTATGTGAACACACCATCTGAAGCCTCGGAAAGCAAAGCCGAGCAGGAA
 GAAAAGTGGAGGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_133981

Insert Size: 1836 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: [NM_133981.2](#), [NP_598742.1](#)

RefSeq Size: 2793 bp

RefSeq ORF: 1836 bp

Locus ID: 102580

UniProt ID: [Q8VDI9](#)

Cytogenetics: 9 A5.3

Gene Summary: Catalyzes the transfer of mannose from Dol-P-Man to lipid-linked oligosaccharides.
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the protein-coding transcript for this locus.