

Product datasheet for **MC217219**

Alg6 (NM_001081264) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Alg6 (NM_001081264) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Alg6
Synonyms:	E230028F23Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217219 representing NM_001081264
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGAGCTGGCCGTGGATGGCAGTCGTGGTCTTACTAGGACTTACGGTGCCGTGGACGGTCTCTCTCA
 GTTCCTACTCAGGTGCTGGAAAACACCTATGTTTGGTGATTATGAAGCTCAGAGGCACTGGCAGGAAAT
 TACCCCTAATTTACCAGTCAAACAGTGGTATTTAACAGTAGTGATAACAATTTACTGTACTGGGGATTG
 GATTACCCACCTTTACGGCCTATCATAGCCTCTTATGTGCATATGTGGCAAAGTTATAAAACCCAGACT
 GGGTTGCTCTCCACACATCACGAGGCTATGAGAGTCAGGCACACAAGCTTTCATGCGTGCCACAGTTCT
 TGCTGCTGATTTGCTCATTTACGTACCCGCGGTGCTTTTGTACTGTTACTCCTTAAAGAAATCTCACCT
 AAGAGAAAGATTGCTAGTGCATTATGCATATTGCTGTATCCAGGCTTATTCTTATCGACTATGGACATT
 TTCAATAAATTCTGTGAGTCTTGGCTTTCGCTTGTGGGGTGTCTTGGAGTATCTTGGGACTGGGACCT
 GCTAGGGTCACTGGCATTGCTTACCTAAATTATAAGCAGATGGAACCTTACCCTCCCTGCCATTT
 TTTTGCTTTTACTTGGCAAGTGTAAAAAAGGCCCTCAAAGGAAAGGGGCTTGCATTGTTCAATTAGGA
 TAGCCTGTACTGTCTGGCTTCTTCTCTGTGTTGGCTGCCGTTCTTGACAGAAAGGGAGCATGCCCT
 GCAGGTTGTTAGAAGACTCTCCCTGTTGACCGTGGACTGTTGAGGATAAAGTCGCTAATATTTGGTGC
 AGCGTTAATGTCTTTCTGAAGATTAAGGACACTTGCCTCGCCACATCCAGATAGCGATCAGCTTTTGT
 TTACACTTTTGTAGCTTCTTCTGCATGTATAAACTGACAGTTCGACCCCTTTGTAAAGGATTCAGATT
 TACTCTGGTTAGCTGTGCGCTATCATTCTTTCTGTTTTCTTCCAAGTACATGAAAGTCCATTCTCTTG
 GTATCATTACCAGTTTGCCTTAGTTTAACTGAAATTCCTTTCATGTCAACCTGGTTTTTACTAGTTTCAA
 CATTTAGCATGCTGCCTCTTCTATTAAGGATGAACTCCTGCTGCCCTCGGTTGTGACAGTGATGGCATT
 TGTAATAGCTTGTGGCACTTCTTCCAATGTTGGAGAACAACCTCCGAAGAACAACCTGCAGTTGAAGTCC
 TTTGCTGTCTGTAAAGGAGCACCTTCCGGGCTTACATTTTTGCCAGAATTATGCAGTGTGTTGTTTC
 TTTCTTACGTATCACCATGGTCTCTGACGATTTTGTGTAACACTGGACCCCTCTCAGAAATTACC
 AGACTTGTCTGTACTTATATGTTTTGTTCTGTGTAATTTGTATTCTTCTTGGTATACTTTAAT
 ATTGTAATCATGTGGATTCCAAAAATGGAAGAAATCGGAAGAAATGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081264

Insert Size: 1524 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_001081264.1](#), [NP_001074733.1](#)

RefSeq Size: 3114 bp

RefSeq ORF: 1524 bp

Locus ID: 320438

UniProt ID: [Q3TAE8](#)

Cytogenetics: 4 C6

Gene Summary: Adds the first glucose residue to the lipid-linked oligosaccharide precursor for N-linked glycosylation. Transfers glucose from dolichyl phosphate glucose (Dol-P-Glc) onto the lipid-linked oligosaccharide Man(9)GlcNAc(2)-PP-Dol (By similarity).[UniProtKB/Swiss-Prot Function]