

Product datasheet for MC202989

Alg12 (NM_145477) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Alg12 (NM_145477) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Alg12
Synonyms:	ECM39
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC021379

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CCACGCGTCCGGCGGGTCTGCGGAGAGGAGAGGCGCATGAAGTCAAAGCTCTACATGGCTGGCAAGA
AGTCATCGGGCAAGCGGTTCATGGCCGCTTCTGGGCTGCTGGTCACTGTAGCCACCATCCACCTGGTTAT
ATGTCCCTACACCAAGGTAGAAGAGAGCTTCAACCTTCAGGCCACACATGACCTCCTGTACCACAGCTG
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TCGCAGCGTTCTCCAGCCCCGTTGTTATGTGCTCTCGCTTTTAGAAGTATCCAAATTTTATTCTCAGCT
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TCCCAGCAGGGCTTCTCTGTCTAGGCAAGTTGGCATCTCTGGTTTGCCTCCTGAATAAAAAGTCTTGGCC
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GATATAAACCAGGTCTTTATGGGACAGACAGACACACACACCACCACCACCACCACCACCACCACCTC
CTCCACCACCAATCATGGCAGCTGTTATAGCCCGAGGCATGTTATCTCCATTTAGATTAAGTCTGAGGA
CCTACACATGTTCAAAAAGAAATGAAAATAAAAATTATGTTTTCTAAAAAATTTTTTTTTT

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Restriction Sites:	RsrII-NotI
ACCN:	NM_145477
Insert Size:	1158 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:	<ol style="list-style-type: none">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:	BC021379 , AAH21379
RefSeq Size:	1812 bp
RefSeq ORF:	1158 bp
Locus ID:	223774
UniProt ID:	Q8VDB2
Cytogenetics:	15 E3
Gene Summary:	<p>Adds the eighth mannose residue in an alpha-1,6 linkage onto the dolichol-PP-oligosaccharide precursor (dolichol-PP-Man(7)GlcNAc(2)) required for protein glycosylation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site and lacks two exons in the central coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1.</p>