

Product datasheet for MC218120

Alg11 (BC061469) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Alg11 (BC061469) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Alg11
Synonyms:	AI849156; AW492253; B230397C21; Mmat-4(5)
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC061469

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCAGCGGTTCTGATGTTTACATCGACTCAATGGGATACGCCTTCACACTCCCTCTCTTTAAGTATG
 TGGGAGGTTGCCGAGTCGGAAGCTATGTTCACTATCCACGATCAGCACTGACATGCTGTCTGTGGTGAA
 GAATCAGAATCCTGGATTTAATAATGCTGCTTTCATTAGCAGAAATGCTCTTCTCAGCAAAGCAAAGCTC
 ATCTATTACTATTTATTTGCTTTTGTATGGCCTTGTTGGATCTTGCAGTGACATAGTCATGGTTAATT
 CTTCTTGGACATTAAACCATATCCTCTCACTGTGGAAGGTTGGGCATTGCACTAACATTGTCTATCCACC
 TTGTGATGTGCAGACATTTCTGGACATCCCTTTACATGAGAAGAAGGTGACCCAGGGCATTGTGCTGGTT
 TCCATTGGCCAGTTCAGACCTGAAAAGAATCATGCTTTGCAGATCAAAGCCTTTGCTAAATTGTTAAATG
 AGAAAGCAGCTGAGTTAGGCCATTCTCTAAACTTGTCCTTATTGGAGGGTGTGCGCAACAAAGATGATGA
 GTTTAGAGTAAACCAACTGAGAAGTCTATCTGAGAATTTGGGAGTTCAAGAAAATGTGGAATTTAAATA
 AACATTTTCATTCGATGAATTGAAGAATTACTTGCTGAAGCGACCATCGGTCTGCATACTATGTGGAATG
 AGCATTTTGGGATTGGAGTTGTCGAGTGTATGGCAGCTGGCACAGTTATCCTTGCACACAACTCAGGAGG
 CCCGAAGCTGGACATTGTCATTCTCATGAAGGACAGATAACTGGCTTTCTGGCTGAGAGTGAAGAAGGC
 TATGCTGACTCTATGGCTCACATTCTTCTCTGTCTGCAGAAGAGAGACTCCAAATCAGGAAGAATGCTA
 GAGCGTCTATAAGCAGATTCTCCGACCAGGAGTTTGAAGTAGCATTCTGTGTTCCATGGAGAAGTTACT
 TACTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	BC061469
Insert Size:	987 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC061469</u> , <u>AAH61469</u>
RefSeq Size:	4978 bp
RefSeq ORF:	986 bp
Locus ID:	207958
Cytogenetics:	8 A2
Gene Summary:	Mannosyltransferase involved in the last steps of the synthesis of Man5GlcNAc(2)-PP-dolichol core oligosaccharide on the cytoplasmic face of the endoplasmic reticulum. Catalyzes the addition of the 4th and 5th mannose residues to the dolichol-linked oligosaccharide chain (By similarity).[UniProtKB/Swiss-Prot Function]