

Product datasheet for **SC201974**

ALG5 (NM_013338) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ALG5 (NM_013338) Human 3' UTR Clone
Symbol:	ALG5
Synonyms:	bA421P11.2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_013338
Insert Size:	234 bp
Insert Sequence:	>SC201974 3'UTR clone of NM_013338 The sequence shown below is from the reference sequence of NM_013338. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC AGGCTTGAGCAAACCTCGGAAAATGAAT TAG GTTGTTTGCAGTCTTCAGTTGTGTTCTTATGCTTCAGTG TCACATTTCAATTCATTTGAACTAAAATTTTAAAGTAAAGCTGAAATAAACTTCTTGTCATTGTCTGCC TTTTGATAATTTTAAAGAAATAACTTTCCATAAGTAAAAAATTATATATCTCTTTGGATATAAATGATT TTTAAAAGATGTTTATTTAAAAAGTCA ACGCGT AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_013338.5</u>



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Summary: This gene encodes a member of the glycosyltransferase 2 family. The encoded protein participates in glucosylation of the oligomannose core in N-linked glycosylation of proteins. The addition of glucose residues to the oligomannose core is necessary to ensure substrate recognition, and therefore, effectual transfer of the oligomannose core to the nascent glycoproteins. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2008]

Locus ID: 29880

MW: 9.2