

## Product datasheet for **SC208444**

### ALG12 (NM\_024105) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ALG12 (NM_024105) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ALG12
Synonyms:	CDG1G; ECM39; hALG12; PP14673
ACCN:	NM_024105
Insert Size:	2000 bp



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**Insert Sequence:** >SC208444 3'UTR clone of NM\_024105  
 The sequence shown below is from the reference sequence of NM\_024105. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTCTGGAGAGGCTCCCCGGCCGTCTGAGGGGACCAGGCAGCCCTCAGCAGCCACAGGCCTTCCAG
GAGCTGTTATCACTACCAAGTTTCTGGCACAATTCCAGCACAATTATGACAATTCAGAGAAGCAAGTCAA
AGGACTGGGCACCTGCCTCTGACAGACACCAGACCAGGTCAGGGCCTCCTCCACAGCCTCAGCTGGGG
CTCTCAGCACAAAGAACGAGGGGCCAGGTCTTGTGGCACCCCGGAGCCACTGCCAGGGTATGG
TGGCCAGCTCAGGGCTTCTGCGGGTACTGTCGCCCAGACCAGGTGCCATTCATGACTAATCAGGAGC
AGCGGGCTCACCCAGGCACCTGTCTGCCAGGAGGCCACGTGTCTCCTGCCACCCAGGGGAGCTGTAT
TTTGGCAGACCCACGCTTGTGCCCCGAGGGCCTCTTGGGGCACCTAAGACAGCACCCCTCTCAGGG
GAGACCATGGTGGCCCCGCGCACCCCCACCCTGGTCCACCACTGCAACTTTTGTATTACAGGC
ATCCCATCTCCATCACAGATAAAATCTTAGGAGATAAACACATTCAAAAAGGAATGAGATAAAAAGAAAT
AAGGCAATAAATGTTGATTGGAACCTCTCAAGATTACAGAAAATATGAGAATGAAATTTAAAAATGT
TTCTATGTGATAGCTTATCACAGGTGACTATCCAGGTGTTATGGTAAAGGGACAGCTTGGTGTCTGTC
AGCCTCACTGACCATGCATTTATAAAGCACAAAGTGCCTGTGATGCTGTGGGCACTGGAGATGGGAC
CAGGTGCTGTGCACACGTATGCACACACCATGCATACATGCACACACACCACACACGCATGCACACAG
TGCACACGTGCACACACCATGCATACACACCACACACCGTGCACACGTGCACACACCATGCATACACAC
CACACACAGTGCACACGTGCACATTACCATGCATCCACACACAGTGCACACGTGCACACACTATGCATA
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GCATACACACAGTGCACGCGTGCACATTACCATGCATACACAGTGCACATGTGCACACACCATGCATAC
ACACCACACAGTGCACACGTGCACACACCATGCATACACAGTGCACACGTGCACACACCATGCATACAC
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ACCACACACAGTGCACACGTGCACATTACCATGCATCCACACACAGTGCACACGTGCACACTATGCATA
CAGTGCACACATGCACACACCATGCATACACAGTGCACACGTGCACACACCATGCATACACACCACACA
GTGCACATGTGCACACACCATGCATACACACCACACACAGTGCACACGTGCACACACCATGCATACACA
CCACACACAGTGCACACGTGCACATTACCATGCATACACAGTGCACACGTGCACACACCATGCATGCAC
ACCACACACAGTGCACACGTGTACGTTACCATGCATACACACAGTGCACGCGTGCACATTACCATGCAT
ACACAGTGCACACGTGCACACACCATGCATACACACCACACACAGTGCACACGTGCACATTACCGTGA
TACACACAGTGCATGCGTGCACATTACCATGCATACACACAGTGCACACGTGCACACACCATGAATAC
AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTTCGATTCCACCGCCGC
  
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**Restriction Sites:** SgfI-RsrII

**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:** [NM\\_024105.4](#)

**Summary:** This gene encodes a member of the glycosyltransferase 22 family. The encoded protein catalyzes the addition of 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. Mutations in this gene have been associated with congenital disorder of glycosylation type Ig (CDG-Ig) characterized by abnormal N-glycosylation. [provided by RefSeq, Jul 2008]

**Locus ID:** 79087

**MW:** 74.9