

Product datasheet for **SC215015**

ALG2 (NM_033087) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ALG2 (NM_033087) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ALG2
Synonyms:	CDG1I; CDGII; CMS14; CMSTA3; hALPG2; NET38
ACCN:	NM_033087
Insert Size:	1539 bp



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Insert Sequence: >SC215015 3'UTR clone of NM_033087
 The sequence shown below is from the reference sequence of NM_033087. 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
TACCGATATGTTACCAAAGTCTGGTATAATCAGATTGTTTTTAAGATCTCCATTATGTCAATTTTTAT
GGATTGTAGACCCAGTTTTGAAACCAAAAAAGAAACCTAGAATCTAATGCAGAAGAGATCTTTAAAAA
ATAAACTTGAGTCTTGAATGTGAGCCACTTTCCTATATACCACACCTCCCTGTCCACTTTTCAGAAAAA
CCATGTCTTTTATGCTATAATCATTCCAAATTTGCCAGTGTAAAGTTACAAATGGGTGCATTCCAT
GTTTCAGCAGAGTATTTAATTATATTTCTCGGGATTATTGCTCTTCTGTCTATAAATTTGAATGATA
CTGTGCCTTAATTGGTTTTCATAGTTTAAAGTGTGTATCATTATCAAAGTTGATTAATTTGGCTTCATAG
TATAATGAGAGCAGGGCTATTGTAGTCCAGATTCAATCCACCGAAGTGTCTACTGTCTATGTTAGG
GAATTTTTGTTTGTCTGTCTTTGCCTGGATCCATAGCGAGAGTGTCTGTATTTTTTTTTAAGATAATT
TGATTTTTGCACACTGAGATATAATAAAAGGTGTTATCATAAAAAAGAAACAGTATTAGATTTTGGT
CTCCATAATCTATTTTGGTATTGTTACGAACATGGATATGACAACCAAAGTGGAAATCAGAACACTAGG
GTAAAGTGGATATTGAAATGAAGCAAGAATATTGTACACATGTGTTGTGCATCTTGTAGGGTATAT
TTCTTAATGTCATCTAGGTCATTAGTTTTGTTAATATTTGTGTTGTCTTGACCAAGCTCCTACTAAGTA
TAGGACACAAATGTTTTTATCTTCCAAGGCTGGCTCAAATGCCACTGTGCAAAGCTTTCTTTGACC
CTCTGGCCACCTCCCAAGCCAGAAGTTATCTTCCCCTCCATGTACTCTAGCCTTTTCATGACACTGAT
ATTTTCGTGACACTGACTTATAGTTCACGTGTTACCTGTTGGTCTAACAGCAAATCATAAACAGTAGTT
TTCAACATACTTCTAAGGCTAAATTCATTTCCAGAAGTAGCAAAGCTTACTAGCCAAAGGCTCCACATT
TATCAACTCTTAAGAGCTAGACTTGAGAGCCTAACAGCCTATATGATTTTGTGTAATTTGATCTCTATA
CCTCAGCTTCTCATCTGCAAAGTGAGATAAATTGACTATTCTACTTTCCCTCATAGTGCGGTTATAACA
GATTATGATAATATTACAAAGTACTTAATACTTGGCATATAGTATATATATTAGCTATTAGTATTTTGC
AATTTGGGGATATTGAAAATTAGAAATTGCATGTTAGTTCATGTGCACTACCATATTGTTCTTTGGG
GCTCTTCAATGGGTGAAATTCATTTTACAGTTTATCATGTGCATCTGTATCACAGGAGTATTTGGCA
AAATGATTCTGTACAAAAAGGAGTACTATAAAATGAGGGTGCCAAATATATTGAGTCTTTTATGGGAT
TAAAAGTTCTGTTGCATTCCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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: [NM_033087.4](#)

Summary: This gene encodes a member of the glycosyltransferase 1 family. The encoded protein acts as an alpha 1,3 mannosyltransferase, mannosylating Man(2)GlcNAc(2)-dolichol diphosphate and Man(1)GlcNAc(2)-dolichol diphosphate to form Man(3)GlcNAc(2)-dolichol diphosphate. Defects in this gene have been associated with congenital disorder of glycosylation type 1h (CDG-1h). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2008]

Locus ID: 85365

MW: 59.9