

Product datasheet for **SC212411**

ALG11 (NM_001004127) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ALG11 (NM_001004127) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ALG11
Synonyms:	CDG1P; GT8
ACCN:	NM_001004127
Insert Size:	1068 bp
Insert Sequence:	>SC212411 3' UTR clone of NM_001004127 The sequence shown below is from the reference sequence of NM_001004127. The complete sequence of this clone may contain minor differences, such as SNPs. Red =Cloning site Blue =Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

GACATTCTATCATCTGTGGAAAAGTTATTTAAGTAAATGCCATATCTGTAAAATTAAGATATTTTATAT
AAACTGGTTAAACACCTTCATATGTAATATTTTTCTAAATTCATCTCATTGTCAAATCATTTTACTT
TAGAAAACAGACAAAATTTCTTTTAGAATAAAAAGGAAGTGTGAAAAGAAAATGGATGACTAGCCTTCG
GCTTCCATTCTTGGTATACATGAGAGAGGCTGGCTGCTGAGATGAATGTGAACCAGGTTGCAGAGAATCT
GGCTTTGAGCCACCAGGAAGAACTAGTGGATTTGCCAAAAAACTACCCCTTGAGTGAAAATGAAGATGAG
GGGGACAGTGATGGAGAGAGAAAGCATCAAAGCTTCTGGAAGCAATCATTTCCTTGATGGAAAGAATA
GGCGGAAATTGGCTGAGAGGTCTGAGGCTAGTCTGAAAGTGTGAGGTTGAGTTCAGTGTGAGTCTGAAGGATC
AGGAGAAAAGCTGGGCTTGCAGATCTGCTTGAGCCCGTTAAAACCTTCATCTTCTTTGGCCACTGTA
AAGCAACTGAATAGAGTCAAATCAAAGAAGGTGGTGGAGTTACCTCTTAAACAAAGAAAAAATTGAACAGA
TCCACAGAGAAGTAGCATTAGTAAAACCTCACAGGCTCCTCCTCAAATGGGACCCATATCCTGAAGAA
CCAGCAGGCAGAGCAGCTGGTTTTTCCCTGGGGAAGGAGCAGCCAGCCATTGCTCCCATTGAACATGCG
CTCAGTGGCTGGAAGGCAAGAACTCCCTGGAGCAGGAAATTTTAACTCCTCCATAAGAACAAGCAGC
CAGTGACAGATCCTTTACTGACTCCCATGGAAGGCCTCTCTCAAGCCATGAGCCTGGAAAGAGGCAAA
GATGCACCGAGCAGAGCTTCAGAGGGCTCGGGCTCTGCAGTCTACTATGAGGCCAAGGCTCGAAAAGAG
AAGAAAATCAAAGTAAAAGTATCACAAGTCGTGAAGAAAGGAAAGGCCAAGAAAGCCTTAAAAGAGT
TTGAGCAGCTACAGAAGG

ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCG

Restriction Sites: SgfI-MluI



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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_001004127.1
Summary:	This gene encodes a GDP-Man:Man3GlcNAc2-PP-dolichol-alpha1,2-mannosyltransferase which is localized to the cytosolic side of the endoplasmic reticulum (ER) and catalyzes the transfer of the fourth and fifth mannose residue from GDP-mannose (GDP-Man) to Man3GlcNAc2-PP-dolichol and Man4GlcNAc2-PP-dolichol resulting in the production of Man5GlcNAc2-PP-dolichol. Mutations in this gene are associated with congenital disorder of glycosylation type I _p (CDGIP). This gene overlaps but is distinct from the UTP14, U3 small nucleolar ribonucleoprotein, homolog C (yeast) gene. A pseudogene of the GDP-Man:Man3GlcNAc2-PP-dolichol-alpha1,2-mannosyltransferase has been identified on chromosome 19. [provided by RefSeq, Aug 2010]
Locus ID:	440138