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Product datasheet for SC204739

ALG14 (NM_144988) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ALG14 (NM_144988) Human 3' UTR Clone
Symbol:	ALG14
Synonyms:	CMS15; IDDEBF; MEPCA
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_144988
Insert Size:	2000 bp

View online »

Insert Sequence:

>SC204739 3'UTR clone of NM_144988
The sequence shown below is from the reference sequence of NM_144988. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAATCGGTGTACCTTGGGCGAATTGTTTGACAAATGGCAACTGACTTCTTTAGAATTTTGCAGTTAACA
GTAGTATGTACTCAAATTGGGGGGAAAAAAACCCTACATGTTTCTTGTAAAGGCGTCTGACAGTCCTGA
GAATTATTGATGGTAAGGAATAAAAAATGTACAGATGACTCAGTGAAGAAACTGAGGCTTCTCTTATGA
AACAAACATTGATAAACGTAACTACTAAATGTTTATGCCTCTGTAAACCAAATTTCTTTTCTAGATAAA
AATATGTATTACTACCTGCAAATTTTCTTCTGGCTGTTTTAGTAGTATTTTTTTTACAGAACTAAATAT
AGAGTTTGTATGATTAGTAATATTTCCTGTCCTACAGCTTTTTTTTTTTTTTTTTTTTTGTAAAGTA
TTCTGCATTGTAAAAGAAGAGAGAAAAAAAGTATTTCTGAGTTTTGGTTCAGATACAAAAGGCTTTATT
TCCTGTATGGAAACAGTGATGTCCCCAGTGAATCCTTTCAGCATAAAGGAAGCAGTTATATTAAATTGG
CTTCATGACAATTTGCACTCCACAAGCCTCCAGAACCTTGAGCATAAACCAGTATCATTTTTTGTACTT
CAGTCTTGCTTTTTGAGTAGTTGGCCTTAATACAGAGTATCTTTTAAAATCTCTTGTTTAGGCCGGCAT
GACGGCTCACACCTGTAATCCCAGCACCTTGGGAGGCTAAGGCGGGTGGATCACTGGAGGTCAGGAGTT
TGACACCAGCCTGACCAACATGGTGAAACCTTGTCTCTACTAAAAATACAAAAATTAGTCAGGCGTGGT
GGCACATGCCTGTAATCCCAGCTACTCGGGAGGCTGAGGCAGGAGAATCGCTTGAACCCGGGAGGCAGA
GGCTGCAGTGAGCCGAGATTGCACCATTGCACTCCATCCAGCCTGGGTGACAAGAGTGAAACTTCGTCT
CAAAAAAAAAAAAAAAAAACAAAACTCAATGATGTAGGGACTGTTATTATTCCCATTTTACAGATGACT
TGTCCAAGATCACATGAGTAGTAAGTAGCAAAGCCAGAATTCAAGTTCAGGTAAACCTGACTTCTTAGT
GGGGCCAGTTTCACGGGTGTGTGGCCTGTGCAGTCACACAGAGTTCTGCACTGAAGAGGGCCTCCACTT
GGTTTAATGTTCTGCTGTGACTCTCTTGAACTTCTGAATATTTTTTTAAACAATGAACTTATATTTTAG
ACCCTCTGAATTCTTTCGCTGGTCCTGCTTGAGACTGTGTTTCTAGTGGTGCCATGTCTACTGGAATAG
AAGTACAATAGTTAGTGCAGTGCCTGGCCCAGGAGCTCCTCAAAAACAGGAATTCCATTTCCTTCCCTC
TAACCTCTGCTTCTTTAACAAAGCAGCCAAAAAAAAAAAAAACAAAACAAAATAAAAAACAGAAAAGAG
AAGATTCTCTCCTGTAGTATATATAGGTTTTTTCCTCTTAAATCTTTTGCTTTATAAGTATGATATAAA
TCTAATAAATAGTGATTAGTGAAGTGATTGAATTTTTGTGAAAAGAGACATGATTATCCACGATCATGT
AAGATTAAAATCCTGAGGCTGATCCAGCCTTTTTTCTTTTTTTTTTTTTTAAAAAAAAAAAGCAAAAAA
AACAAAAAAAACTGTCTTCTCTGAATCATGTAACAGGCGCATCTGTCAGCCGGACATCTTCCTAGGTTTT
TGGCTGGAGAAATGTGTAGCCGAAGGTGTCTCAGAATGGTGAGAACACTTTGCTGTCTGGATTTAGTGG
GCCTGGGGCAGCCAAATGATAGTTCATTGTGCTTTGATTTTAATCCTCAAATCTCAGTCACTGGTTGCT
TCCCTGGAGTATCAGAGCGTATTAGTATCATACAACCAGGGGCTGAGGTGAAATAAGCCTTGACTGTTC
TAGAAAGAAAGTGATTTTTTCAGGGACAACAGCATCTGCATTTTATTGCTGTTTAAGGCTTTCTCTGC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_144988.4

Summary:	This gene is a member of the glycosyltransferase 1 family. The encoded protein and ALG13 are thought to be subunits of UDP-GlcNAc transferase, which catalyzes the first two committed steps in endoplasmic reticulum N-linked glycosylation. Mutations in this gene have been linked to congenital myasthenic syndrome (CMSWTA). Alternatively spliced transcript variants have been identified. [provided by RefSeq, Mar 2015]
Locus ID:	199857
MW:	77.3