

Product datasheet for **SC214095**

LARGE (LARGE1) (NM_133642) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LARGE (LARGE1) (NM_133642) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LARGE1
Synonyms:	LARGE; MDC1D; MDDGA6; MDDGB6
ACCN:	NM_133642
Insert Size:	1368 bp



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Insert Sequence: >SC214095 3' UTR clone of NM_133642
The sequence shown below is from the reference sequence of NM_133642. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

GCCGAGAACACAGCTAGCACCAAGAAGCCACCCTAGGGGAGACATGCTGTAGGGGAAGTGCCACTC
GCTGTTTGGGGCCCGCCTTCAAATTCAAAATTGAGCCATGCTTTTTCGGTTTGTTTTTATTATCTCTT
TGGCCAGCCAAGCTGCCCTCACTACAGAGACCTTGGACAAGGATCCAGCCAGTCCCTCTCTGCCCCACA
ACCCTGCATTCCAGAGGTTAGCTATGCAGCCACCTAGATGAGTCTCTCAAGAATGGGAAATCAAGGG
GTGACAGGGAGTAAAAGGGTTATCATCTTACTGCAAAGCCACAAGATCAGGGCAGGGCTTAGGATGTTT
TGGATGCTTTTTAATAATTATGCTTCCCATCATAACTGGGAGAAAGGGAAGTCAGGGTCTAGGGGTTA
TTCGTCAGGAAATAGAAGTGAATTTGCTTTATTAAGTGAAAACCTTTCCCTTTGCCCTGCAATGTAG
CTGGGCATTCAAACGGAGGGCAAACCGATGATCTAAACCAACCACTTGGAAAAACCAATGGGGACATTG
TAACCAGAGGGTCTGGAGGTGGGGTTGATGGGTTTCCTTATCCCAAAGTCACTCCTGTTTTGTTTTGT
TTTTCTTTGGGGTTTTGTTTTTTTTGGGGCTGGCAATCCAAAATAGAAAATCTGATCCTTTGAGGCTC
TAAAGGAAAATCAGCTGCCTCTACCAACCACCTCTATCAGCAGTGGCCAGGAAGGAGTCAAGCATCT
TCGGCCGATATTTAAACATGGGCAGCTTCCCTCAGGATGATCACCGAGGCTCCCGTGACTTTGAACTCCC
TACTCTCCAGAATCCAGGGGCTATAGCGATGGGACTGCGGAATTACGAGGGCTGGCTGTTTTACACCGG
TCACATTTTCTATTGGCAGTGACTGATTTCATGGGAAAGGGCTTTGAAGGAACTACTTCAGTGCACACACA
AGGTACGAACCTCTCAGGCCTTTCGAAGAATTCATAATTCATGAAAGCCAGTTCGAAGATTCACGT
ATCCATCTGGAGACCTACAGGAAGAAAGTGAATGGGTTCTCTGGTTCTTGCCTGCTTCACTGTGGATGG
GAAGAGGTGACAACTCAGTCTCCCTTTGGGACCTGTCCAAGGGTAGGCAACCACCTTACCTTCACACA
GATTGAGGAGACTGGACTTTTTACCCATTTCTTTAATCTTCAATATTAATATTGTGTTTACATTGAT
GAGAACAAGAGTTAATGCCCTACCCTCTGCTGGGCTGTTTGTATTGAGTTGCAATGTGACCAGCGAAAGC
TGCATTTAATAAATGAAAGTACAGACTGTTTCTCCCC

ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCG

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_133642.3](#)

Summary:

This gene encodes a member of the N-acetylglucosaminyltransferase gene family. It encodes a glycosyltransferase which participates in glycosylation of alpha-dystroglycan, and may carry out the synthesis of glycoprotein and glycosphingolipid sugar chains. It may also be involved in the addition of a repeated disaccharide unit. The protein encoded by this gene is the glycotransferase that adds the final xylose and glucuronic acid to alpha-dystroglycan and thereby allows alpha-dystroglycan to bind ligands including laminin 211 and neurexin. Mutations in this gene cause several forms of congenital muscular dystrophy characterized by cognitive disability and abnormal glycosylation of alpha-dystroglycan. Alternative splicing of this gene results in multiple transcript variants that encode the same protein. [provided by RefSeq, May 2018]

Locus ID:

9215