

Product datasheet for **RC200176L4V**

POMGNT1 (NM_017739) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	POMGNT1 (NM_017739) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POMGNT1
Synonyms:	gnT-I.2; GNTI.2; GnT I.2; LGMD20; LGMDR15; MEB; MGAT1.2; RP76
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017739
ORF Size:	1980 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200176).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_017739.2
RefSeq Size:	2753 bp
RefSeq ORF:	1983 bp
Locus ID:	55624
UniProt ID:	Q8WZA1
Cytogenetics:	1p34.1
Domains:	GNT-I
Protein Pathways:	O-Mannosyl glycan biosynthesis



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MW: 75.2 kDa

Gene Summary: This gene encodes a type II transmembrane protein that resides in the Golgi apparatus. It participates in O-mannosyl glycosylation and is specific for alpha linked terminal mannose. Mutations in this gene may be associated with muscle-eye-brain disease and several congenital muscular dystrophies. Alternatively spliced transcript variants that encode different protein isoforms have been described. [provided by RefSeq, Feb 2014]