

## Product datasheet for **RC206498L1V**

### POMT2 (NM\_013382) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	POMT2 (NM_013382) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POMT2
Synonyms:	LGMD2N; LGMDR14; MDDGA2; MDDGB2; MDDGC2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_013382
ORF Size:	2250 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206498).
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. <a href="#">More info</a>
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:	<a href="#">NM_013382.3</a>
RefSeq Size:	4874 bp
RefSeq ORF:	2253 bp
Locus ID:	29954
UniProt ID:	<a href="#">Q9UKY4</a>
Cytogenetics:	14q24.3
Protein Families:	Transmembrane
Protein Pathways:	O-Mannosyl glycan biosynthesis



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**MW:** 84.2 kDa

**Gene Summary:** The protein encoded by this gene is an O-mannosyltransferase that requires interaction with the product of the POMT1 gene for enzymatic function. The encoded protein is found in the membrane of the endoplasmic reticulum. Defects in this gene are a cause of Walker-Warburg syndrome (WWS).[provided by RefSeq, Oct 2008]