

Product datasheet for RC205277L3

POMT1 (NM_001077365) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	POMT1 (NM_001077365) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	POMT1
Synonyms:	LGMD2K; LGMDR11; MDDGA1; MDDGB1; MDDGC1; RT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205277).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF.



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Locus ID:	10585
UniProt ID:	Q9Y6A1
Cytogenetics:	9q34.13
Protein Families:	Transmembrane
Protein Pathways:	O-Mannosyl glycan biosynthesis
MW:	82.4 kDa
Gene Summary:	<p>The protein encoded by this gene is an O-mannosyltransferase that requires interaction with the product of the POMT2 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) and limb-girdle muscular dystrophy type 2K (LGMD2K). Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Oct 2008]</p>