

Recombinant Human POMT1 Protein (Pro318-His513), N-His tagged

Cat. No. POMT1-3762H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human POMT1 (Pro318-His513) fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro318-His513
Description	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.
Form	Lyophilized powder/frozen liquid
Molecular Mass	24.74 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02% NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

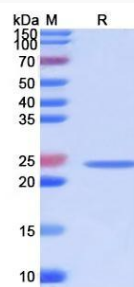
Gene Name	POMT1 protein O-mannosyltransferase 1 [Homo sapiens (human)]
Official Symbol	POMT1
Synonyms	POMT1; protein O-mannosyltransferase 1; RT; LGMD2K; MDDGA1; MDDGB1; MDDGC1; LGMDR11; protein O-mannosyl-transferase 1; dolichyl-phosphate-mannose--protein mannosyltransferase 1; testis tissue sperm-binding protein Li 57p; EC 2.4.1.109
Gene ID	10585
mRNA Refseq	NM_007171
Protein Refseq	NP_009102
MIM	607423
UniProt ID	Q9Y6A1

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SDS-PAGE



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