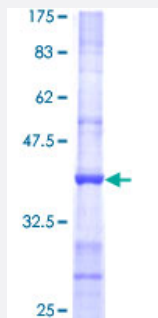


POMT2 (Human) Recombinant Protein (Q01)

Catalog # H00029954-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human POMT2 partial ORF (NP_037514, 483 a.a. - 580 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	CVLGSSGKVLPKWGWEQLEVTCTPYLKETLNSIWNVEDHINPKLPNISLDVLQPSFPEILLESIMV MIRGNSGLKPKDNEFTSKPWHWPINQQGLRFS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (90); Rat (89)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — POMT2

Entrez GeneID [29954](#)

GeneBank Accession# [NM_013382](#)

Protein Accession# [NP_037514](#)

Gene Name POMT2

Gene Alias DKFZp686G10254, FLJ22309

Gene Description protein-O-mannosyltransferase 2

Omim ID [236670](#) [607439](#)

Gene Ontology [Hyperlink](#)

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)

Other Designations protein O-mannosyltransferase|putative protein O-mannosyltransferase

Pathway

- [O-Mannosyl glycan biosynthesis](#)

Disease

- [Brain Diseases](#)
- [Kidney Failure](#)
- [Muscular Dystrophies](#)