

Recombinant Human PMM1 Protein, His-tagged

Cat. No. PMM1-156H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PMM1(Met1-Ala262) fused with His tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ala262
Description	Phosphomannomutase catalyzes the conversion between D-mannose 6-phosphate and D-mannose 1-phosphate which is a substrate for GDP-mannose synthesis. GDP-mannose is used for synthesis of dolichol-phosphate-mannose, which is essential for N-linked glycosylation and thus the secretion of several glycoproteins as well as for the synthesis of glycosyl-phosphatidyl-inositol (GPI) anchored proteins.
Form	20mM Tris-HCl, 150mM NaCl, 1mM DTT, pH 8.0.
Molecular Mass	30.8 kDa
Endotoxin	< 0.1 EU per µg protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Storage	Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name PMM1 phosphomannomutase 1 [Homo sapiens]

Official Symbol PMM1

Synonyms PMM1; phosphomannomutase 1; brain glucose 1; 6 bisphosphatase; Sec53; PMM 1; PMMH-22; brain glucose-1,6-bisphosphatase;

Gene ID 5372

mRNA Refseq NM_002676

Protein Refseq NP_002667

MIM 601786

UniProt ID Q92871

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