

Recombinant Human MPI Protein, GST-tagged

Cat. No. MPI-5503H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MPI full-length ORF (NP_002426.1, 1 a.a. - 423 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Phosphomannose isomerase catalyzes the interconversion of fructose-6-phosphate and mannose-6-phosphate and plays a critical role in maintaining the supply of D-mannose derivatives, which are required for most glycosylation reactions. Mutations in the MPI gene were found in patients with carbohydrate-deficient glycoprotein syndrome, type Ib. [provided by RefSeq]
Molecular Mass	73.1 kDa
AA Sequence	MAAPRVFPLSCAVQQYAWGKMGSNSEVARLLASSDPLAQIAEDKPYAELWMGTHP RGDAKILDNRISQKTLTSQWIAENQDSLGSVKDFTFNGNLPFLFKVLSVETPLSIQHP NKELAEKLHLQAPQHYPDANHKPEMAIALTPFQGLCGFRPVVEIVTFLKKVPEFQFLI GDEAATHLKQTMSHDSQAVASSLQSCFSHLMKSEKKVVVEQLNLLVKRISQQAAAG NNMEDIFGELLQLHQQYPGDIGCFAIYFLNLLTLKPGEAMFLEANVPHAYLKGCDCVE CMACSDNTVRAGLTPKFIDVPTLCCEMLSYTPSSSKDRLFLPTRSQEDPYLSIYDPPV PDFTIMKTEVPGSVTEYKVLALDSASILLMVQGTVIASPTTQTPIPLQRGGVLFIGAN ESVSLKLTEPKDLLIFRACCLL
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

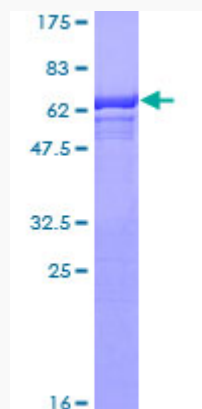
 45-1 Ramsey Road, Shirley, NY 11967, USA

	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MPI mannose phosphate isomerase [Homo sapiens]
Official Symbol	MPI
Synonyms	MPI; mannose phosphate isomerase; mannose-6-phosphate isomerase; mannose 6 phosphate isomerase; phosphohexomutase; phosphomannose isomerase 1; mannose-6- phosphate isomerase; PMI; PMI1; CDG1B; FLJ39201;
Gene ID	4351
mRNA Refseq	NM_002435
Protein Refseq	NP_002426
MIM	154550
UniProt ID	P34949

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA