

Recombinant Mouse Mpi Protein, MYC/DDK-tagged

Cat. No. Mpi-454M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse mannose phosphate isomerase 1, complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ubiquitous expression in testis adult (RPKM 49.7), large intestine adult (RPKM 32.3) and 26 other tissues.
Molecular Mass	46.5 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Mpi mannose phosphate isomerase [<i>Mus musculus</i> (house mouse)]
Official Symbol	Mpi
Synonyms	Mpi; mannose phosphate isomerase; Mpi1; Mpi-1; AI315153; 1110002E17Rik; mannose-6-phosphate isomerase; PMI; mannose phosphate isomerase 1; phosphohexomutase; phosphomannose isomerase; EC 5.3.1.8
Gene ID	110119
mRNA Refseq	NM_025837
Protein Refseq	NP_080113
UniProt ID	Q924M7

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