

Human MPI Recombinant Protein



RPPB1976

Product Information Protein Information

Product SKU:

RPPB1976

Accession:

P34949

Host:

E.coli.

Protein description:

MPI Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 382 amino acids (1-362) and having a molecular mass of 41.9 kDa. The MPI is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Mannose-6-phosphate isomerase, PMI1, CDG1B, Phosphohexomutase, Phosphomannose isomerase, EC 5.3.1.8, FLJ39201.

Formulation:

The MPI solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 5% glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MAAPRVFPLS CAVQQYAWGK MGSNSEVARL LASSDPLAQI AEDKPYAELW
MGTHPRGDAK ILDNRSQKT LSQWIAENQD SLGSKVKDTF NGNLPFLFKV LSVETPLSIQ AHPNKELAEK
LHLQAPQHYP DANHKPEMAI ALTPFQGLCG FRPVEEIVTF LKTAAGNME DIFGELLQL HQQYPGDIGC
FAIYFLNLLT LKPGEAMFLE ANVPHAYLKG DCVECMACSD NTVRAGLTPK FIDVPTLCSEM LSYTPSSSKD
RLFLPTRSQE DPYLSIYDPP VPDFTIMKTE VPGSVTEYKV LALDSASILL MVQGTVIASST PTTQTPIPLQ
RGGVLFIGAN ESVSLKLTEP KDLLIFRACC LL