

Human MDP1 Recombinant Protein



RPPB1932

Product Information Protein Information

Product SKU:

RPPB1932

Accession:

Q86V88

Host:

Escherichia Coli.

Protein description:

MDP1 Human Recombinant fused with a 24 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 200 amino acids (1-176 a.a.) and having a molecular mass of 22.7kDa. The MDP1 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Magnesium-dependent phosphatase 1, MGC5987, MDP-1, FN6Pase, fructosamine-6-phosphatase, SFTB3, SFTPB, MDP1.

Formulation:

The MDP1 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 2mM DTT and 100mM NaCl.

Purity:

Greater than 95.0% 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:

MGSSHHHHH SGLVPRGSH MGSHMARLPK LAVFDLDYTL WPFVVDTHVD PPFHKSSDGT VRDRRGQDVR
LYPEVPEVLK RLQSLGVPGA AASRTSEIEG ANQLLEFLDL FRYFVHREIY PGSKITHFER LQKKTGIPFS
QMIFFDERR NIVDVSKLGV TCIHIQNGMN LQTL SQLET FAKAQTGLR SSLEESPFEA.