

Human IMPA2 Recombinant Protein



RPPB1849

Product Information Protein Information

Product SKU:

RPPB1849

Accession:

O14732

Host:

Escherichia Coli.

Protein description:

IMPA2 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 308 amino acids (1-288 a.a.) and having a molecular mass of 33.5kDa. The IMPA2 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Inositol monophosphatase 2, IMP 2, IMPase 2, Inositol-1(or 4)-monophosphatase 2, Myo-inositol monophosphatase A2, IMPA2, IMP.18P.

Formulation:

The IMPA2 solution (0.25 mg/ml) contains 20mM Tris-HCl buffer(pH 8.0), 10% glycerol and 2mM DTT.

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:

MGSSHHHHHH SGLVPRGSH MKPSGEDQAA LAAGPWEECF QAAVQLALRA GQIRKALTE EKRVTKTSA
ADLVTETDHL VEDLIISELR ERFPSHRFIA EAAAASGAKC VLTHSPTWII DPIDGTCNFV HRFPTVAVSI
GFAVRQELEF GVIYHCTEER LYTGRRGRGA FCNGQRLRVS GETDLSKALV LTEIGPKRDP ATLLKFLSNM
ERLLHAKAHG VRVIGSSTLA LCHLASGAAD AYYQFGLHCW DLAAATVIIR EAGGIVIDTS GGPLDLMACR
VVAASTREMA MLIAQALQTI NYGRDDEK.