

Human IMPDH1 Recombinant Protein



RPPB1850

Product Information Protein Information

Product SKU:

RPPB1850

Accession:

P20839

Host:

Escherichia Coli.

Protein description:

IMPDH1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 534 amino acids (1-514 a.a.) and having a molecular mass of 57.5 kDa. The IMPDH1 is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

EC 1.1.1.205, IMP (inosine monophosphate) dehydrogenase 1, LCA11, RP10, IMPDH 1, IMPD 1, IMPDH-I, SwSS2608, DKFZp781N0678.

Formulation:

IMPDH1 Human solution containing 20mM Tris-HCl pH-8, 1mM DTT & 20% glycerol.

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 SSSLVPRGSH MADYLISGGT GYVPEDGLTA QQLFASADGL TYNDFLILPG FIDFIADEV
LTSALTRKIT LKTPLISSPM DTVTEADMAI AMALMGGIGF IHHNCTPEFQ ANEVRKVKKF EQGFITDPV
LPSHTVGDV LEAKMRHGFS GIPITETGTM GSKLVGIVTS RDIDFLAEKD HTLLSEVMT PRIELVAPA
GVTLKEANEI LQRSKKGKLP IVNDCDELVA IIARTDLKKN RDYPLASKDS QKQLCGAAV GTREDDKYRL
DLLTQAGVDV IVDSSQGNS VYQIAMVHYI KQKYPHLQVI GGNVVTAAQA KNLIDAGVDG LRVGMGCGSI
CITQEVMACG RPQGTAVYKV AEYARRFGVP IADGGIQTG GHVVKALALG ASTVMMGSL L AATTEAPGEY
FFSDGVRLKK YRGMGSLDAM EKSSSSQKRY FSEGDKVKIA QGVSGSIQDK GSIQKFVYPYL IAGIQHGCQD
IGARSLSVLR SMMYSGELKF EKRTMSAQIE GGVHGLHSYE KRLY.