

# Human IMPDH2 Recombinant Protein



RPPB1851

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## Product Information    Protein Information

**Product SKU:**

RPPB1851

**Accession:**

P12268

**Host:**

E.coli.

**Protein description:**

IMPDH2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 534 amino acids (1-514) and having a molecular mass of 58kDa. IMPDH2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Inosine-5'-monophosphate dehydrogenase 2, IMP dehydrogenase 2, IMPD 2, IMPDH 2, IMPDH-II, IMPDH2, IMPD2.

**Formulation:**

The IMPDH2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 20% glycerol and 150mM NaCl.

**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 MADYLISGGT SYVPDDGLTA QQLFNCGDGL TYNDFLILPG YIDFTADQVD  
LTSALTKKIT LKTPLVSSPM DTVTEAGMAI AMALTTGGIGF IHHNCTPEFQ ANEVRKVKKY EQGFITDPVV  
LSPKDRVRDV FEAKARHGFC GIPITDTGRM GSRLVGISS RDIDFLKEEE HDCFLEEIMT KREDLVVAPA  
GITLKEANEI LQRSKKGKLP IVNEDDELVA IIARTDLKKN RDYPLASKDA KKQLLCGAAI GTHEDDKYRL  
DLAQAGVDV VLDSSQGNS IFQINMIKYI KDKYPNLQVI GGNVVTAQA KNLIDAGVDA LRVGMGSGSI  
CITQEVLAGC RQATAVYKV SEYARRFGVP VIADGGIQNV GHIKALALG ASTVMMGSLI AATTEAPGEY  
FFSDGIRLKK YRGMGSLDAM DKHLSSQNRV FSEADKIKVA QGVSGAVQDK GSIHKFVPPYL IAGIQHSCQD  
IGAKSLTQVR AMMYSGELKF EKRTSSAQVE GGVHSLHSYE KRLF.