

## Recombinant Human IMPDH2 Protein

Catalog #	Source	Reactivity	Applications
CRP1825	E. coli	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human IMPDH2 Protein is produced by our E. coli expression system and the target gene encoding Met1-Phe514 is expressed with a 6His tag at the N-terminus.

**Form** Liquid in a 0.2 μM filtered solution of 20mM Tris, 150mM NaCl pH 8.0 .

**Gene Symbol** IMPDH2

**Alternative Names** IMPD2; Inosine-5'-monophosphate dehydrogenase 2; IMP dehydrogenase 2; IMPD 2; IMPDH 2; IMPDH-II

**Entrez Gene** 3615 (Human)

**SwissProt** P12268 (Human)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** MGSSHHHHH SSGLVPRGSH MADYLISGGT SYVPDDGLTA QQLFNCGDGL TYNDFLILPG YIDFTADQVD LTSALTKKIT LKTPLVSSPM DTVTEAGMAI AMALTGGIGF IHHNCTPEFQ ANEVRKVKKY EQGFITDPVV LSPKDRVRDV FEAARHGFC GIPITDTGRM GSRLVGISS RDIDFLKEEE HDCFLEEIMT KREDLVVAPA GITLKEANEI LQRSKKGKLP IVNEDDELVA IIARTDLKKN RDYPLASKDA KKQLLCGAAI GTHEDDKYRL DLLAQAGVDV VVLDSSQGNS IFQINMIKYI KDKYPNLQVI GGNVVTAQA KNLIDAGVDA LRVGMGSGSI CITQEVLACG RPQATAVYKV SEYARRFGVP VIADGGIQNV GHIKALALG ASTVMMGSL L AATTEAPGEY FFS DGIRLKK YRGMGSLDAM DKHLSSQNR Y FSEADKIKVA QGVSGAVQDK GSIHKFV P YL IAGIQHSCQD IGAKSLTQVR AMMYSGELKF EKRTSSAQVE GGVHSLHSYE KRLF

**Quality Control** Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Directions for Use** Always centrifuge tubes before opening. It is recommended that the protein be

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**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## Storage/Stability

Store it at -20°C to -80°C for one year.

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