ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

IMP Dehydrogenase 2 Human Recombinant

Item Number	rAP-0985
Synonyms	Inosine-5'-monophosphate dehydrogenase 2, IMP dehydrogenase 2, IMPD 2, IMPDH 2, IMPDH-II, IMP-DH2, IMPD2.
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.
Uniprot Accesion Number	P12268
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MADYLISGGT SYVPDDGLTA QQLFNCGDGL TYNDFLILPG YID-FTADQVD LTSALTKKIT LKTPLVSSPM DTVTEAGMAI AMALTGGIGF IHHNCTPEFQ ANEVRKVKKY EQGFITDPVV LSPKDRVRDV FEAKARHGFC GIPITDTGRM GSRLVGIISS RDIDFLKEEE HDCFLEEIMT KREDLVVAPA GITLKEANEI LQRSKKGKLP IVNEDDELVA IIARTDLKKN RDYPLASKDA KKQLLCGAAI GTHEDDKYRL DLLAQAGVDV VVLDSSQGNS IFQINMIKYI KDKYPNLQVI GGNVVTAAQA KNLIDAGVDA
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The IMPDH2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 20% glycerol and 150mM NaCl. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

Angio-Proteomie | 11 Park Drive, Suite 12 Boston, MA 02215, USA | Tel: 001-617-549-2665 | Fax: 001-480-247-4337 | Email: angioproteomie@gmail.com