9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-2153: AMPD2 Recombinant Protein

Alternative Name : Adenosine Monophosphate Deaminase 2,Adenosine Monophosphate Deaminase 2 (Isoform L),EC 3.5.4.6,SPG63,AMP Deaminase Isoform L,AMP Deaminase 2,AMPD Isoform L,AMPD,PCH9,AMP deaminase 2.

Description

Source : Escherichia Coli. AMPD2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 667 amino acids (236-879 a.a) and having a molecular mass of 77.0kDa. AMPD2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Adenosine Monophosphate Deaminase 2, also known as AMPD2 is significant in purine metabolism by converting AMP to IMP. AMPD2 which functions as a homotetramer, is one of the three AMP deaminases shown in mammals. More than a few transcript variants encoding different isoforms have been discovered for AMPD2.

Product Info

Amount : 10 µg

Purification : Greater than 85% as determined by Analysis by SDS-PAGE.

Content : AMPD2 protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4) and 10% glycerol.

Storage condition : 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 : MGSSHHHHHH SSGLVPRGSH MGSDLLDAAK SVVRALFIRE KYMALSLQSF CPTTRRYLQQ LAEKPLETRT YEQGPDTPVSADAPVHPPAL EQHPYEHCEP STMPGDLGLG LRMVRGVVHV YTRREPDEHC SEVELPYPDL QEFVADVNVLMALIINGPIK SFCYRRLQYL SSKFQMHVLLNEMKELAAQK KVPHRDFYNI RKVDTHIHAS SCMNQKHLLR FIKRAMKRHLEEIVHVEQGR EQTLREVFES MNLTAYDLSV DTLDVHADRN TFHRFDKFNA KYNPIGESVL REIFIKTDNRVSGKYFAHII KEVMSDLEES KYQNAELRLS IYGRSRDEWD KLARWAVMHR VHSPNVRWLVQVPRLFDVYR TKGQLANFQE MLENIFLPLF EATVHPASHP ELHLFLEHVDGFDSVDDESK PENHVFNLES PLPEAWVEED NPPYAYYLYY TFANMAMLNH LRRQRGFHTF VLRPHCGEAGPIHHLVSAFM LAENISHGLL LRKAPVLQYL YYLAQIGIAM SPLSNNSLFL SYHRNPLPEYLSRGLMVSLS TDDPLQFHFT KEPLMEEYSI ATQVWKLSSC DMCELARNSVLMSGFSHKVK SHWLGPNYTK EGPEGNDIRR TNVPDIRVGY RYETLCQELA LITQAVQSEM LETIPEEAGITMSPGPQ.