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

32-2128: ADPRHL2 Recombinant Protein

Alternative Name : Poly(ADP-ribose) glycohydrolase ARH3,ADP-ribosylhydrolase 3,[Protein ADP-ribosylarginine] hydrolase-like protein 2,ADPRHL2,ARH3.

Description

Source : E.coli. ADPRHL2 Human Recombinant produced in E. coli is a single polypeptide chain containing 387 amino acids (1-363) and having a molecular mass of 41.5kDa.ADPRHL2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. ADP-ribosylhydrolase like 2 (ADPRHL2) belongs to the ADP-ribosylglycohydrolase family. ADPRHL2 catalyzes the removal of ADP-ribose from ADP-ribosylated proteins. ADPRHL2, which is ubiquitously expressed, uses magnesium as a cofactor to catalyze the hydrolysis of poly (ADP-ribose) that is synthesized after DNA damage. Furthermore, ADPRHL2 has an essential role in the maintenance of normal neuronal cell function. The ADPRHL2 enzyme localizes to the mitochondria, in addition to the nucleus and cytoplasm.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The ADPRHL2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 30% glycerol and 1mM DTT.
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 MGSHMAAAAM AAAAGGGAGA ARSLSRFRGC LAGALLGDCV GSFYEAHDTV DLTSVLRHVQ SLEPDPGTPG SERTEALYYT DDTAMARALV QSLLAKEAFD EVDMAHRFAQ EYKKDPDRGY GAGVVTVFKK LLNPKCRDVF EPARAQFNGK GSYGNGGAMR VAGISLAYSS VQDVQKFARL SAQLTHASSL GYNGAILQAL AVHLALQGES SSEHFLKQLL GHMEDLEGDA QSVLDARELG MEERPYSSRL KKIGELLDQA SVTREEVVSE LGNGIAAFES VPTAIYCFLR CMEPDPEIPS AFNSLQRTLI YSISLGGDTD TIATMAGAIA GAYYGMDQVP ESWQQSCEGY EETDILAQSL HRVFQKS.

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