

Product information



ADPRHL2, 1-363aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1665

Full name: ADP-ribosylhydrolase like 2

NCBI Accession No.: NP_060295

Synonyms: ARH3

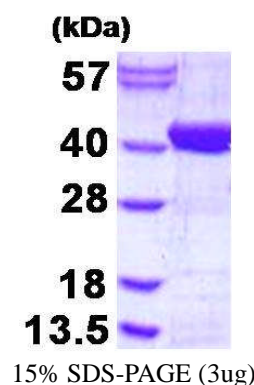
Description: ADP-ribosylhydrolase like 2, also known as ADPRHL2, is a member of the ADP-ribosylglycohydrolase family. Expressed ubiquitously, ADPRHL2 uses magnesium as a cofactor to catalyze the hydrolysis of poly (ADP-ribose) that is synthesized after DNA damage. Also, ADPRHL2 plays an important role in the maintenance of normal neuronal cell function. Recombinant human ADPRHL2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl,
30% glycerol, 1mM DTT

Molecular Weight: 41.5 kDa (387aa), confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSMAAAAM AAAAGGGAGA ARSLSRFRGC LAGALLGDCV GSFYEAHDTV DLTSVLRHVQ SLEPDPGTPG
SERTEALYYT DDTAMARALV QSLLAKEAFD EVDMAHRFAQ EYKDPDRGY GAGVTVFKK LLNPKCRDVF EPARAFNGK GSYGNGGAMR
VAGISLAYSS VQDVQKFARL SAQLTHASSL GYNGAILQAL AVHLALQGES SSEHFLKQLL GHMEDLEGDA QSVLDARELG MEERPYSRL
KKIGELLDQA SVTREEVVSE LGNGIAAFES VPTAICYFLR CMEPDPEIPS AFNSLQRTL IYISLGGD TD TIATMAGAI A GAYYGMDQVP
ESWQQSCEGY EETDILAQSL HRVFQKS

General references:

Kernstock S., *et al.* (2006) *Sect F Struct Biol Cryst Commun.* 62: 224-227

Mueller Dieckmann C., *et al.* (2006) *Proc Natl Acad Sci USA.* 103: 15026-15031.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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