

AR50457PU-S

Human ADPRH / ARH1 (1-357, His-tag) - Purified

Alternate names:	ADP-ribosylarginine hydrolase
Quantity:	0.1 mg
Concentration:	0.5mg/ml (determined by Bradford assay)
Background:	ADPRH (ADP-ribosylarginine hydrolase), also known as ADP-ribose-L-arginine cleaving enzyme, belongs to the ADP-ribosylglycohydrolase family. This protein catalyzes removal of mono-ADP-ribose from arginine residues of proteins in the ADP-ribosylation cycle. Unlike the rat and mouse enzymes, which require DTT for maximal activity, the human enzyme is DTT-independent.
Uniprot ID:	P54922
NCBI:	NP_001116.1
GeneID:	141
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT, 100mM NaCl
Description:	Recombinant human ADPRH protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSHEKYVA AMVLSAAGDA LGYYNGKWEF LQDGEKIHRQ LAQLGGLDAL DVGRWRVSDD TVMHLATAEA LVEAGKAPKL TQLYLLAKH YQDCMEDMDG RAPGGASVHN AMQLKPGKPN GWRIPFNSHE GGCGAAMRAM CIGLRFPHHS QLDTLIQVSI ESGRMTHHP TGylGALASA LFTAYAVNSR PPLQWGKGLM ELLPEAKKYI VQSGYFVEEN LQHWSYFQTK WENYLKLRGI LDGESAPTFP ESFGVKERDQ FYTSLSYSGW GGSSGHDA PM IAYDAVLAAG DSWKELAHRA FFHGGSDST AAIAGCWGV MYGFKGVSPS NYEKLEYRNR LEETARALYS LGSKEDTVIS L Molecular weight: 42.1 kDa (381aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Weber F, et al. (2005) J Clin Endocrinol Metab. 90(2):1149-55. Kernstock S, et al. (2009) Acta Crystallogr Sect F Struct Biol Cryst Commun. 65(Pt 5):529-32.

Pictures:

