

ADP-Ribosylarginine Hydrolase Human Recombinant

Item Number	rAP-1186
Synonyms	[Protein ADP-ribosylarginine] hydrolase, ADP-ribosylarginine hydrolase, ADP-ribose-L-arginine cleaving enzyme, ADPRH, ARH1.
Description	ADPRH Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 381 amino acids (1-357) and having a molecular mass of 42.1kDa. ADPRH is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P54922
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEKYVA AMVLSAAGDA LGYYNGKWEF LQDGEKIHRQ LAQLG-GLDAL DVGRWRVSDD TVMHLATAEA LVEAGKAPKL TQLYYLLAKH YQDCMEDMDG RAPGGASVHN AMQLKPGKPN GWRIPFNSHE GGCGAAMRAM CIGLRFPHHS QLDTLIQVSI ESGRMTHHHP TGYL-GALASA LFTAYAVNSR PPLQWGKGLM ELLPEAKKYI VQSGYFVEEN LQHWSYFQTK WENYLKLRGI LDGESAPTFP ESFGVKERDQ FYTSLSYSGW GGSSGHDAPM IAYDAVLAAG DSWKELAHRA FFHGG-DSDST AAIAGCWWGV MYGFKGVSPS NYEKLEYRNRLEETARALYS LGSKEDTVIS L.
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 ADPRH solution (0.5mg/ml) contains 20mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT and 100mM 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**