

32-2127: ADPRH Recombinant Protein

Alternative Name : [Protein ADP-ribosylarginine] hydrolase,ADP-ribosylarginine hydrolase,ADP-ribose-L-arginine cleaving enzyme,ADPRH,ARH1.

Description

Source : E.coli. 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. ADP-ribosylarginine hydrolase (ADPRH) is a member of the ADP-ribosylglycohydrolase family. ADPRH catalyzes the removal of mono-ADP-ribose from arginine residues of proteins in the ADP-ribosylation cycle. The human ADPRH enzyme is DTT-independent as opposed to the rat and mouse enzymes, which require DTT for maximal activity.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The ADPRH solution (0.5mg/ml) contains 20mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT and 100mM NaCl.
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 MGSMEKYVA AMVLSAAGDA LGYYNGKWEF LQDGEKIHRQ LAQLGGLDAL DVGRWRVSDD TVMHLATAEA LVEAGKAPKL TQLYLLAKH YQDCMEDMDG RAPGGASVHN AMQLKPGKPN GWRIPFNSHE GGCGAAMRAM CIGLRFPHHS QLDTLIQVSI ESGRMTHHHP TGYLGALASA LFTAYAVNSR PPLQWGKGLM ELLPEAKKYI VQSGYFVEEN LQHWSYFQTK WENYLKLRGI LDGESAPTFP ESFGVKERDQ FYTSLSYSGW GGSSGHDAPM IAYDAVLAAG DSWKELAHRA FFHGGSDST AAIAGCWWGV MYGFKGVSPS NYEKLEYRNRLEETARALYS LGSKEDTVIS L.

