

## 32-8070: Recombinant Human ADP-Ribosylarginine Hydrolase/ADPRH/ARH1 (N-6His)(Discontinued)

**Gene :** ADPRH  
**Gene ID :** 141  
**Uniprot ID :** P54922

### Description

Source: E.coli.

MW :41.67kD.

Recombinant Human ADP-Ribosylarginine Hydrolase is produced by our E.coli expression system and the target gene encoding Met1-Leu357 is expressed with a 6His tag at the N-terminus. ADP-Ribosylarginine Hydrolase (ADPRH) belongs to the ADP-Ribosylglycohydrolase family. ADPRH catalyzes removal of mono-ADP-ribose from arginine residues of proteins in the ADP-Ribosylation cycle, which is a post-translation modification that includes the addition of one or more ADP-ribose moieties. These reactions are related to cell signaling and the control of many cell processes, such as DNA repair and cell apoptosis. In addition, ADPRH binds with magnesium ion and possess ADP-ribosylarginine hydrolase activity.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 50% Glycerol, pH 7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHSSGLVPRGSHMEKYVAAMVLSAAGDALGYNGKWEFLQDGEKIHRQLAQLGGLDALDVGR  
WRVSDDTVMHLATAEALVEAGKAPKLTQLYLLAKHYQDCMEDMDGRAPGGASVHNAMQLKPGKPNGWRIP  
FNSHEGGCGAAMRAMCIGLRFPHHSQLDTLIQVSIESGRMTHHHPTGYLGALASALFTAYAVNSRPPLQWGKG  
LMELLPEAKKYIVQSGYFVEENLQHWSYFQTKWENYLKLRGILDGESAPTFPESFGVKERDQFYTSLSYSGWGG  
SSGHDAPMIAYDAVLAAGDSWKELAHRAFFHGGSDSTAAIAGCWVGVMYGFKGVSPSNYEKLEYRNRLEE  
TARALYSLGSKEDTVISL

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.