



# Recombinant Human [Protein ADP-ribosylarginine] hydrolase (ADPRH)

<b>Product Code</b>	CSB-EP001381HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P54922
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEKYVAAMVL SAAGDALGYG NGKWEFLQDG EKIHRQLAQL GGLDALDVGR WRVSDDTVMH LATAEALVEA GKAPKLTQLY YLLAKHYQDC MEDMDGRAPG GASVHNAMQL KPGKPNGWRI PFNSHEGGCG AAMRAMCIGL RFPHHSQLDT LIQVSIESGR MTHHHPTGYL GALASALFTA YAVNSRPPLQ WGKGLMELLP EAKKYIVQSG YFVEENLQHW SYFQTKWENY LKLRGILDGE SAPTFPESFG VKERDQFYTS LSYSGWGGSS GHDAPMIAYD AVLAAGDSWK ELAHRAFFHG GSDSTAAIA GCWWGVMYGF KGVSPSNYEK LEYRNRLEET ARALYSLGSK EDTVISL
<b>Source</b>	E.coli
<b>Target Names</b>	ADPRH
<b>Protein Names</b>	Recommended name: [Protein ADP-ribosylarginine] hydrolase Short name= ADP-ribosylarginine hydrolase EC= 3.2.2.19 Alternative name(s): ADP-ribose-L-arginine cleaving enzyme
<b>Expression Region</b>	1-357
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	The enzyme encoded by this gene 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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.