

**Recombinant Human ADP-Ribosylarginine Hydrolase/ADPRH/ARH1 Protein(N-6His)**

**Cat.NO.: TP05884**

3th Edition

**Synonyms:**[Protein ADP-Ribosylarginine] Hydrolase; ADP-Ribosylarginine Hydrolase; ADP-Ribose-L-Arginine Cleaving Enzyme; ADPRH; ARH1

**Description:**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.

**Form:**PBS

**Molecular Weight:**41.7 kDa

**Sequences:**Met 1-Leu357

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.