Recombinant Human ADPRH/ARH1 Protein (His Tag)

Catalog Number: PKSH032047

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

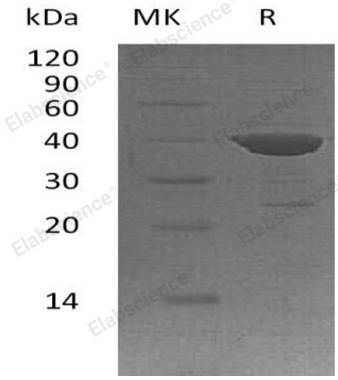
Description

Species	Human
Source	E.coli-derived Human ADPRH;ARH1 protein Met 1-Leu357, with an N-terminal His
Calculated MW	41.7 kDa
Observed MW	39 kDa
Accession	P54922
Bio-activity	Not validated for activity

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 50% Glycerol, pH 7.4.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

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.

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