

ADPRHL1/ARH2 recombinant protein

Recombinant ADPRHL1/ARH2 protein

CATALOG #
AAA60376

HOST
E coli

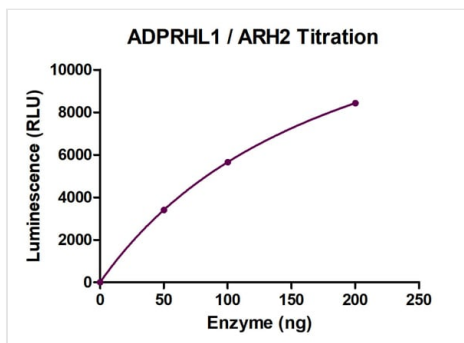
PRODUCT SYNONYMS

ADPRHL1/ARH2; Recombinant ADPRHL1/ARH2 protein; ADP-Ribosylhydrolase Like1; ADP-Ribosylhydrolase 2; ADPRHL1/ARH2 recombinant protein

PRODUCT SPECIFICATIONS

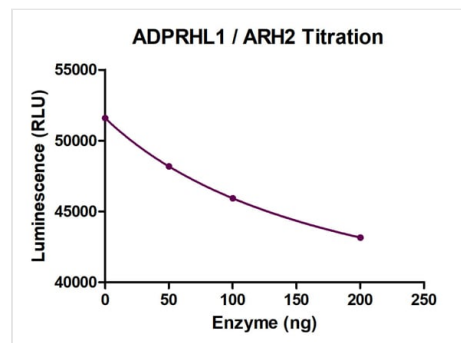
Host	E coli
Form/Format	Recombinant ADPRHL1/ARH2 protein is supplied in 25 mM Tris 8.0, 300mM NaCl, 20% glycerol, 0.5 mM TCEP.
Protein Species	Human
Protein Details	Recombinant ADPRHL1/ARH2 protein that includes full length of the human ADPRHL1/ARH2 protein (accession number NP_612439.2) was expressed in E coli cells with an C-terminal His tag, The molecular weight of the protein is 41.17kDa.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

IMAGES



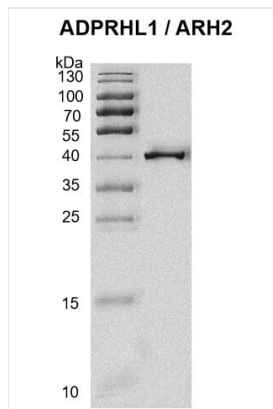
ELISA

ELISA for ADPRHL1/ARH2 activity 25uM NAD-Biotin and Activated DNA were added into ELISA plate (coated with histone H2A and H2B mixture) with PARP1 in ADPR Buffer and incubated for 1 hour at room temperature. After washing, different concentrations of ADPRHL1/ARH2 was added into each well and incubated in reaction buffer for 1 hour at room temperature. Following Streptavidin-HRP and ECL incubation, the plate was read in a luminometer or microtiter-plate reader.



ELISA

ELISA for ADPRHL1/ARH2 activity 25uM NAD-Biotin and Activated DNA were added into ELISA plate (coated with histone H2A and H2B mixture) with PARP1 in ADPR Buffer and incubated for 1 hour at room temperature. After washing, different concentrations of ADPRHL1/ARH2 was added into each well and incubated in reaction buffer for 1 hour at room temperature. Following Streptavidin-HRP and ECL incubation, the plate was read in a luminometer or microtiter-plate reader.



SDS-PAGE

Recombinant ADPRHL1/ARH2 protein 12.5% SDS-PAGE Coomassie staining MW:
41.17kDa Purity: >=95%

ADDITIONAL INFORMATION

Related Product Information for ADPRHL1/ARH2 recombinant protein	Protein ADP-ribosylation is a highly dynamic post-translational modification. The rapid turnover is achieved, among others, by ADP (ribosyl)hydrolases (ARHs), an ancient family of enzymes that reverses this modification. Recently ARHs came into focus due to their role as regulators of cellular stresses and tumor suppressors. ADPRHL1/ARH2 (Inactive ADP-ribosyltransferase ARH2) as one of ARHs, is required for myofibril assembly and outgrowth of the cardiac chambers in the developing heart, but does not appear to be catalytically inactive, showing no activity against O-acetylADP-ribose.
Product Categories/Family for ADPRHL1/ARH2 recombinant protein	Recombinant Proteins

NCBI AND UNIPROT INFORMATION

Molecular Weight	41.17kDa
-------------------------	----------

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/adprhl1/arh2-recombinant-protein-e-coli/60376>