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Recombinant Human ADPRH Protein

Catalog No.: RP03257 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	141	P54922

Tags
N-His

Synonyms
ADPRH; ARH1; ADP-ribosylhydrolase ARH1; ADP-ribose-L-arginine cleaving enzyme

Product Information

Source	Purification
E.coli	≥ 90 % as determined by SDS-PAGE.

Calculated MW	Observed MW
41.7 kDa	35-45 kDa

Endotoxin
Please contact us for more information.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

ADPRH belongs to the ADP-Ribosylglycohydrolase family. ADPRH specifically acts as an arginine mono-ADP-ribosylhydrolase by mediating the removal of mono-ADP-ribose attached to arginine residues on proteins. These reactions are related to cell signaling and the control of many cell processes, such as DNA repair and cell apoptosis.

Basic Information

Description
Recombinant Human ADPRH Protein is produced by E.coli expression system. The target protein is expressed with sequence (Met1-Leu351) of human ADPRH (Accession #NP_001116.1) fused with His tag at the N-terminus.

Bio-Activity

Shipping
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

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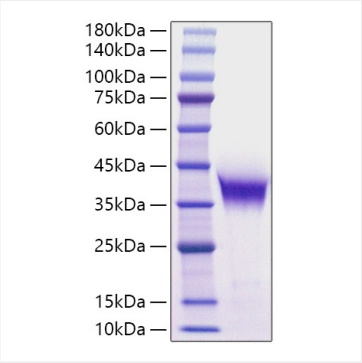
Validation Data



Recombinant Human ADPRH Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

For research use only. Not for therapeutic or diagnostic purposes.
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