

RP02960

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# Recombinant Human ENPP-1 Protein

Catalog No.: RP02960

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Human	5167	P22413

### Tags

C-His

### Synonyms

ENPP1;ARHR2;COLED;M6S1;NPP1;NPPS;P  
C-1;PCA1;PDNP1

## Product Information

Source	Purification
HEK293 cells	

### Endotoxin

< 0.01EU/μg

### Formulation

Lyophilized from a 0.22 μm filtered  
solution of PBS, pH 7.4.

### 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  
stabilizer (e.g. 0.1% BSA, 5% HSA, 10%  
FBS or 5% Trehalose), and aliquot the  
reconstituted protein solution to  
minimize freeze-thaw cycles.

## Background

Ectonucleotide pyrophosphatase/phosphodiesterase (ENPP)-1 is a membrane-bound protein that catalyzes the hydrolysis of extracellular nucleoside triphosphates to monophosphate and extracellular inorganic pyrophosphate (ePPi). Mechanical stimulation regulates ENPP-1 expression.

## Basic Information

### Description

Recombinant Human ENPP-1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Lys98-Asp925) of human ENPP-1 (Accession #NP\_006199.2) fused with a 6×His tag at the C-terminus.

### Bio-Activity

### Storage

Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

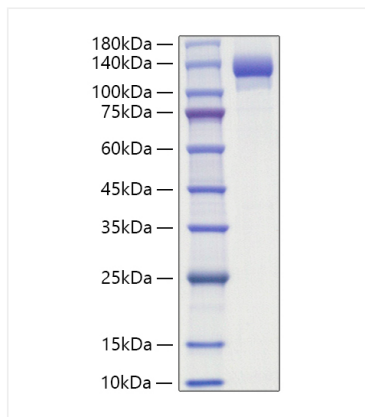
## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data

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Recombinant Human ENPP-1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 100-180 kDa.