

Recombinant Human ENPP-1 Protein

Catalog No.: RP02960

Sequence Information

Species **Gene ID**
Human 5167

Swiss Prot **Tags**
P22413 C-His

Synonyms

ENPP1, ARHR2, COLED, M6S1, NPP1, NPPS, PC-1, PCA1, PDNP1

Product Information

Source **Purification**
HEK293 cells ≥ 90% as
determined by
SDS-PAGE.

Calculated MW **Observed MW**
95.95 kDa 120-150 kDa

Endotoxin
< 0.01 EU/μg of the protein by LAL
method

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 free-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.

Activity

Measured by its ability to hydrolyze thymidine 5'-monophosphate p-nitrophenyl ester. The specific activity is >63600 pmol/min/μg, as measured under the described conditions.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

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

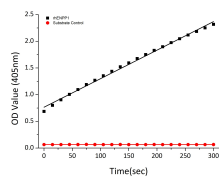
Contact

☎ | 400-999-6126

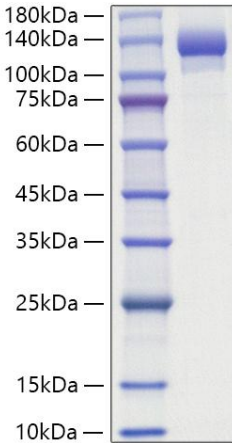
✉ | cn.market@abclonal.com.cn

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Validation Data



Recombinant Human ENPP-1 hydrolyze thymidine 5'-monophosphate p-nitrophenyl ester. The specific activity is >63600 pmol/min/μg, as measured under the described conditions.



Recombinant Human ENPP-1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.