Recombinant Human ENPP-3(48-157) Protein

Catalog No.: RP02742

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Sequence Information

Species
Human

Gene ID
5169

Swiss Prot
O14638

Tags
N-His&Avi

Synonyms
E-NPP 3; NPP3; PD-Ibeta; NPPase; ENPP3; PDNP3; CD203c; B10; gp130RB13-6

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW
17.21 kDa

Observed MW
18-20 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation

Reconstitution
Centrifuge the tube 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.

Background

Ectonucleotide pyrophosphatase-phosphodiesterase 3 (ENPP3), a protein detected in the human uterus, has been found to play an important role in the development and invasion of tumours. It was recently discovered that ENPP3 was upregulated during the window of implantation in the human endometrium but its functional relevance remains elusive.

Basic Information

Description
Recombinant Human ENPP-3(48-157) Protein is expressed from Expi293 with His tag and Avi tag at the N-terminal.; It contains Leu48-Asp157.

Activity

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℃

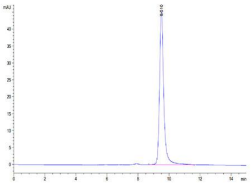
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

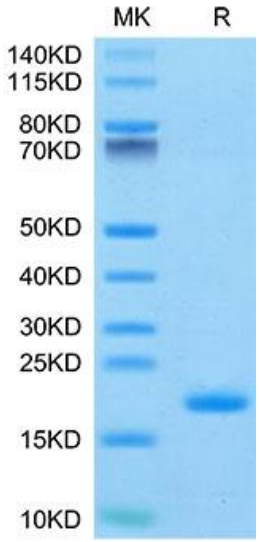
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

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Validation Data



The purity of Human ENPP-3 (48-157) is greater than 95% as determined by SEC-HPLC.



Recombinant Human ENPP-3(48-157) Protein was determined by Tris-Bis PAGE under reducing conditions.