

Recombinant Human ENPP7 Protein, His-tagged

Cat. No. ENPP7-370H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENPP7 Protein (His234-Ala458) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	His234-Ala458
Description	The protein encoded by this gene is an intestinal alkaline sphingomyelin phosphodiesterase that converts sphingomyelin to ceramide and phosphocholine. The encoded protein is anchored in the cell membrane, and it may function to protect the intestinal mucosa from inflammation and tumorigenesis. This protein is glycosylated and also exhibits lysophosphatidylcholine hydrolase activity.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.5 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

ENPP7 ectonucleotide pyrophosphatase/phosphodiesterase 7 [Homo sapiens (human)]

Official Symbol

ENPP7

Synonyms

ENPP7; ectonucleotide pyrophosphatase/phosphodiesterase 7; ectonucleotide pyrophosphatase/phosphodiesterase family member 7; alk SMase; NPP-7; E-NPP 7; alkaline sphingomyelinase; intestinal alkaline sphingomyelinase; alkaline sphingomyelin phosphodiesterase; ALK-SMase; MGC50179

Gene ID

339221

mRNA Refseq

NM_178543

Protein Refseq

NP_848638

MIM

616997

UniProt ID

Q6UWV6

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