

Active Recombinant Human ENPP7 Protein, His-tagged

Cat. No. ENPP7-865H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENPP7 (Accession # NP_848638) Ala22-Ser439, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Ala22-Ser439
Predicted N Terminal	Ala22
Form	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to hydrolyze sphingomyelin to ceramide and phosphorylcholine. The phosphorylcholine is cleaved by Recombinant Human Alkaline Phosphatase/ALPL and the phosphate is detected/measured by a Malachite Green Phosphate Detection Kit. The specific activity is >14,000 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human ENPP7, His-tagged has a calculated MW of 49 kDa. In SDS-PAGE migrates as 60-70 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

 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

lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name [ENPP7 ectonucleotide pyrophosphatase/phosphodiesterase 7 \[Homo sapiens \]](#)

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

UniProt ID Q6UWV6

Chromosome Location 17q25.3

 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