

## Active Recombinant Human ENPP7 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Ala22-Ser439
<b>Predicted N Terminal</b>	Ala22
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
<b>Bio-activity</b>	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/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Human ENPP7, His-tagged has a calculated MW of 49 kDa. In SDS-PAGE migrates as 60-70 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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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

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