

# Recombinant Full Length Human ENPP7 Protein, GST-tagged

**Cat. No.** ENPP7-4326HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human ENPP7 full-length ORF ( AAH41453.2, 1 a.a. - 458 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	458 amino acids
<b>Description</b>	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. [provided by RefSeq, Oct 2016]
<b>Molecular Mass</b>	77.9 kDa
<b>AA Sequence</b>	MRGPAVLLTVALATLLAPGAGAPVQSQGSQNKLLLVSFDGFRWNYDQDVDTPNLD AMARDGVKARYMTPAFVTMTSPCHFTLVTKYIENHGVVHNMYNTTSKVKLPYHA TLGIQRWWDNGSVPIWITAQRQGLRAGSFFYPGGNVTYQGVAVTRSRKEGIAHNYK NETEWRANIDTVMAWFTEEDLDLVTLYFGEPDSTGHRYGPESPERREMVRQVDRT VGYLRESIARNHLTDRNLNIITSDHGMTTVDKRAGDLVEFHKFPNFTFRDIEFELLDYG PNGMLLPKEGRLEKVYDALKDAHPKLHVYKKEAFPEAFHYANNPRVTPLLMYSDLG YVIHGRINVQFNNGEHGFDNKDMDMKTIFRAVGPSFRAGLEVEPFESVHVYELMCR

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LLGIVPEANDGHLATLLPMLHTESALPPDGRPTLLPKGRSALPPSSRPLLVMGLLGTV  
ILLSEVA

<b>Applications</b>	<p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p> <p>Antibody Production</p> <p>Protein Array</p>
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	ENPP7 ectonucleotide pyrophosphatase/phosphodiesterase 7 [ Homo sapiens ]
<b>Official Symbol</b>	ENPP7
<b>Synonyms</b>	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;
<b>Gene ID</b>	339221
<b>mRNA Refseq</b>	NM_178543
<b>Protein Refseq</b>	NP_848638



<b>MIM</b>	616997
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<b>UniProt ID</b>	Q6UWV6
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