

Recombinant Human ENPP3 Protein, GST-tagged

Cat. No. ENPP3-3323H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ENPP3 partial ORF (NP_005012, 602 a.a. - 699 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene belongs to a series of ectoenzymes that are involved in hydrolysis of extracellular nucleotides. These ectoenzymes possess ATPase and ATP pyrophosphatase activities and are type II transmembrane proteins. Expression of the related rat mRNA has been found in a subset of immature glial cells and in the alimentary tract. The corresponding rat protein has been detected in the pancreas, small intestine, colon, and liver. The human mRNA is expressed in glioma cells, prostate, and uterus. Expression of the human protein has been detected in uterus, basophils, and mast cells. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Oct 2015]
Molecular Mass	36.52 kDa
AA Sequence	ATVKVNLPFGRPRVLQKNVDHCLLYHREYVSGFGKAMRMPMWSSYTVPQLGDTSP LPPTVPDCLRADVRVPPSESQKCSFYLADKNITHGFLYPPASN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ENPP3 ectonucleotide pyrophosphatase/phosphodiesterase 3 [<i>Homo sapiens</i>]
Official Symbol	ENPP3
Synonyms	ENPP3; ectonucleotide pyrophosphatase/phosphodiesterase 3; PDNP3; ectonucleotide pyrophosphatase/phosphodiesterase family member 3; B10; CD203c; gp130RB13 6; PD IBETA; E-NPP 3; gp130RB13-6; phosphodiesterase I beta; phosphodiesterase-I beta; phosphodiesterase I/nucleotide pyrophosphatase 3; dJ914N13.3 (phosphodiesterase I/nucleotide pyrophosphatase 3); dJ1005H11.3 (phosphodiesterase I/nucleotide pyrophosphatase 3); NPP3; PD-IBETA;
Gene ID	5169
mRNA Refseq	NM_005021
Protein Refseq	NP_005012
MIM	602182
UniProt ID	O14638