

Recombinant Human ENPEP, GST-tagged

Cat. No. ENPEP-27665TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment: DLHVKPLLE EDTYTGTVSI SINLSAPTRY LWLHLRETRI TRLPELKRPS GDQVQVRRCF EYKKQEY, corresponding to amino acids 103-168 of Human BP1; GST tag is about 25-26 kDa and BP1 with GST tag is about 35 kDa.66 amino acids, 35kDa.
Species	Human
Source	E.coli
ProteinLength	103-168 a.a.
Description	Glutamyl aminopeptidase also known as aminopeptidase A is an enzyme encoded by the ENPEP gene. Glutamyl aminopeptidase has also recently been designated CD249 (cluster of differentiation 249).
Conjugation	GST
Tissue specificity	Expressed by epithelial cells of the proximal tubule cells and the glomerulus of the nephron. Also found in a variety of other tissues.
Form	Liquid
Storage buffer	Preservative: NoneConstituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	DLHVKPLL EEDTYTGTVSISINLSAPTRYLWLHLRETRITRLPELKRPSGDQVQVRRRC FEYKKQEY
Sequence Similarities	Belongs to the peptidase M1 family.
GENE INFORMATION	
Gene Name	ENPEP glutamyl aminopeptidase (aminopeptidase A) [Homo sapiens]
Official Symbol	ENPEP
Synonyms	ENPEP; glutamyl aminopeptidase (aminopeptidase A); glutamyl aminopeptidase; CD249; gp160;
Gene ID	2028
mRNA Refseq	NM_001977
Protein Refseq	NP_001968
MIM	138297
Uniprot ID	Q07075
Chromosome Location	4q25
Pathway	Renin-angiotensin system, organism-specific biosystem; Renin-angiotensin system,

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conserved biosystem;

Function

aminopeptidase activity; metal ion binding; metalloexopeptidase activity; peptidase activity; zinc ion binding;

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