

Active Recombinant Rat Enpep protein, His-tagged

Cat. No. Enpep-7494R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Enpep protein(P50123-1)(Arg41-Pro945), fused with His tag, was expressed in Insect Cells.
Species	Rat
Source	Insect Cells
ProteinLength	Arg41-Pro945
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glyPlease contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Glu-7-amido-4-methyl coumarin (Glu-AMC).The specific activity is >1, 500 pmoles/min/μg.
Molecular Mass	The recombinant rat ENPEP consists of 921 amino acids and predicts a molecular mass of 106 KDa. It migrates as an approximately 116 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Enpep glutamyl aminopeptidase [Rattus norvegicus]
Official Symbol	Enpep
Synonyms	ENPEP; glutamyl aminopeptidase; EAP; AP-A; aminopeptidase A;
Gene ID	64017
mRNA Refseq	NM_022251
Protein Refseq	NP_071587

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