

Recombinant Rat Enpep protein, His & T7-tagged

Cat. No. Enpep-7834R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Enpep aa. (Gly409~Ala624 (Accession # P50123)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly409~Ala624
Description	Ectoenzyme that selectively hydrolyzes acidic amino acid residues from the amino terminus of oligopeptides.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Enpep glutamyl aminopeptidase [*Rattus norvegicus* (Norway rat)]

Official Symbol

Enpep

Synonyms

Enpep; glutamyl aminopeptidase; AP-A; EAP; aminopeptidase A

Gene ID

64017

mRNA Refseq

NM_022251.2

Protein Refseq

NP_071587.2

UniProt ID

P50123

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