

Active Recombinant Mouse Enpep protein(Arg41-Pro945), His-tagged

Cat. No. Enpep-7390M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ENPEP (P16406) (Arg41-Pro945) was expressed in Insect Cells, with a polyhistidine tag at the N-terminus.
Species	Mouse
Source	Insect Cells
ProteinLength	Arg41-Pro945
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Glu-7-amido-4-methyl coumarin. The specific activity is > 200 pmoles/min/μg.
Molecular Mass	The recombinant mouse ENPEP consists of 921 amino acids and predicts a molecular mass of 106 KDa. It migrates as an approximately 113 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 91 % as determined by SDS-PAGE

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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 [Mus musculus]
Official Symbol	Enpep
Synonyms	ENPEP; glutamyl aminopeptidase; EAP; AP-A; BP-1/6C3 antigen; aminopeptidase A; aminopeptidase-A; APA; Ly51; Ly-51; Bp-1/6C3; 6030431M22Rik;
Gene ID	13809
mRNA Refseq	NM_007934
Protein Refseq	NP_031960

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