

Recombinant Mouse Anpep protein(Lys66-Ser966), His-tagged

Cat. No. Anpep-905M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ANPEP (NP_032512.2)(Lys 66-Ser 966) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	66-966 a.a.
Form	Lyophilized from sterile PBS, 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, Ala-7-amido-4-methylcoumarin (Ala-AMC). The specific activity is >800 pmoles/min/μg .
Molecular Mass	The recombinant mouse ANPEP consists of 909 amino acids and has a calculated molecular mass of 104 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 120-130 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 97 % 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 [Anpep alanyl \(membrane\) aminopeptidase \[Mus musculus \]](#)

Official Symbol [Anpep](#)

Synonyms

ANPEP; alanyl (membrane) aminopeptidase; aminopeptidase N; aminopeptidase M; alanyl aminopeptidase; aminopeptidase N/CD13; membrane protein p161; microsomal aminopeptidase; Apn; AP-M; AP-N; Cd13; P150;

Gene ID [16790](#)

mRNA Refseq [NM_008486](#)

Protein Refseq [NP_032512](#)

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