

Active Recombinant Mouse Anpep protein, His-tagged, Low Endotoxin

Cat. No. ANPEP-3347M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Anpep protein(P97449)(69-966 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	69-966 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant 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 >1,000 pmol/min/g.
Molecular Mass	The protein has a predicted MW of 103.9 kDa. Due to glycosylation, the protein migrates to 115-130 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [Anpep alanyl \(membrane\) aminopeptidase \[Mus musculus \]](#)

Official Symbol [Anpep](#)

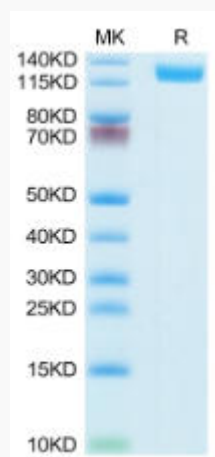
Synonyms ANPEP; alanyl (membrane) aminopeptidase; aminopeptidase N; aminopeptidase M; alanyl aminopeptidase; aminopeptidase N/CD13; membrane protein p161; microsomal aminopeptidase; Apn; AP-M; AP-N; Cd13; P150;

Gene ID [16790](#)

mRNA Refseq [NM_008486](#)

Protein Refseq [NP_032512](#)

Bis-Tris PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA