

Active Recombinant Human ANPEP protein, His-tagged, Low Endotoxin

Cat. No. ANPEP-694H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANPEP protein(P15144)(Lys69-Lys967), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	69-967 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 >2500 pmol/min/g.
Molecular Mass	The protein has a predicted MW of 103.8 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 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [ANPEP alanyl \(membrane\) aminopeptidase \[Homo sapiens \]](#)

Official Symbol [ANPEP](#)

Synonyms ANPEP; alanyl (membrane) aminopeptidase; CD13, PEPN; aminopeptidase N; aminopeptidase M; gp150; LAP1; microsomal aminopeptidase; p150; AP-M; AP-N; hAPN; alanyl aminopeptidase; myeloid plasma membrane glycoprotein CD13; APN; CD13; P150; PEPN; GP150;

Gene ID [290](#)

mRNA Refseq [NM_001150](#)

Protein Refseq [NP_001141](#)

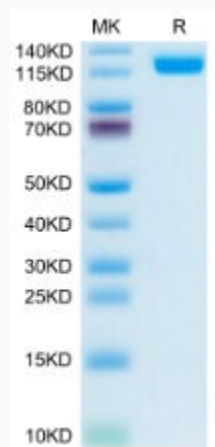
MIM [151530](#)

UniProt ID [P15144](#)

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Bis-Tris PAGE

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