

Active Recombinant Human ANPEP Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ANPEP, Lys69-Lys967, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	69-967 a.a.
Predicted N Terminal	Lys69
Form	Supplied as a 0.2 µm filtered solution in MES and NaCl.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Ala-7-amido-4-methylcoumarin (Ala-AMC). The specific activity is >2,500 pmol/min/g.
Molecular Mass	Predicted Molecular Mass: 104 kDaSDS-PAGE: 131 kDa, reducing conditions
Endotoxin	<1.0 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE
Storage	Avoid repeated freeze-thaw cycles.6 months from date of receipt, -20 to -70 centigrade as supplied.3 months, -20 to -70 centigrade under sterile conditions after opening.

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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
Chromosome Location	15q25-q26

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