Recombinant Human alanyl aminopeptidase, membrane Protein, Tag Free

Cat. No. ANPEP-197H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ANPEP/CD13 protein (P15144) (Lys 69-Lys 967) without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	69-967aa
Description	Broad specificity aminopeptidase which plays a role in the final digestion of peptides generated from hydrolysis of proteins by gastric and pancreatic proteases. Also involved in the processing of various peptides including peptide hormones, such as angiotensin III and IV, neuropeptides, and chemokines. May also be involved the cleavage of peptides bound to major histocompatibility complex class II molecules of antigen presenting cells. May have a role in angiogenesis and promote cholesterol crystallization. May have a role in amino acid transport by acting as binding partner of amino acid transporter SLC6A19 and regulating its activity.
Tag	Non
Molecular Mass	103.1 kDa
Endotoxin	Less than 1.0 EU/μg by the LAL method.

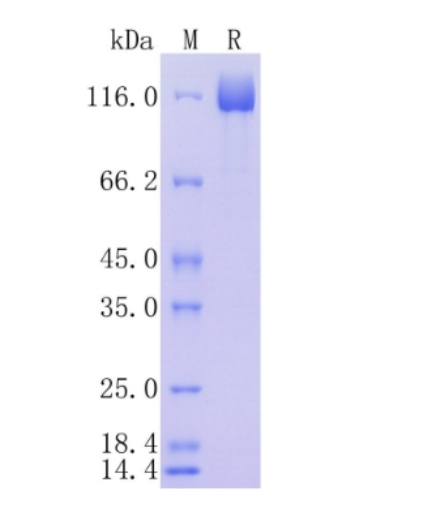
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Purity	>95% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.
Reconstitution	Reconstitute at 250 μg/mL in sterile water.

GENE INFORMATION

Gene Name	ANPEP alanyl aminopeptidase, membrane [Homo sapiens (human)]
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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Protein on SDS-PAGE under reducing (R) condition.	

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