

Recombinant Human RNPEP Protein, Myc/DDK-tagged

Cat. No. RNPEP-03H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human arginyl aminopeptidase (aminopeptidase B) (RNPEP) with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	Exopeptidase which selectively removes arginine and/or lysine residues from the N-terminus of several peptide substrates including Arg(0)-Leu-enkephalin, Arg(0)-Met-enkephalin and Arg(-1)-Lys(0)-somatostatin-14. Can hydrolyze leukotriene A4 (LTA-4) into leukotriene B4 (LTB-4).
Molecular Mass	72.4 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

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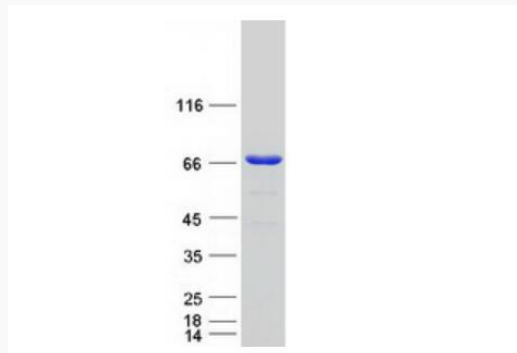
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GENE INFORMATION

Gene Name	RNPEP arginyl aminopeptidase [Homo sapiens (human)]
Official Symbol	RNPEP
Synonyms	RNPEP; arginyl aminopeptidase; APB; AP-B; aminopeptidase B; arginine aminopeptidase; EC 3.4.11.6
Gene ID	6051
mRNA Refseq	NM_020216
Protein Refseq	NP_064601
MIM	602675
UniProt ID	Q9H4A4

SDS-PAGE



Coomassie blue staining of purified RNPEP protein. The protein was produced from HEK293T cells transfected with RNPEP cDNA clone using MegaTran 2.0.

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