

## Product datasheet for **TP300756M**

### **RNPEP (NM\_020216) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human arginyl aminopeptidase (aminopeptidase B) (RNPEP), 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC200756 representing NM_020216 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MASGEHSPGSGAARRPLHSAQAVDVASASNFRAFELLHLHLDLRAEFGPPGPGAGSRGLSGTAVLDRCL  
EPEGAAELRLDSHPCLEVTAALRRERPGESEPPAEPVSFYTQPFSHYGQALCVSFPQPCRAAERLQVLL  
TYRVGEGPGVCWLAPEQTAGKKKPFVYTQGQAVLNRAFFPCFDTPAVKYKYSALIEVPDGFTAVMSASTW  
EKRGPNKFFQMCQPIPSYLIALAIGDLVSAEVGPRSRVWAEPCLIDAAKEEYNGVIEEFLATGEKLFGP  
YVWGRYDLLFMPPSFPFGGMENPCLTFVTPCLLAGDRSLADVIIHEISHSWFGNLVTNANWGEFWLNEGF  
TMYAQRRISTILFGAAYTCLEAATGRALLRQHMDITGEENPLNKLRVKIEPGVDPDDTYNETPYEKGFCF  
VSYLAHLVGDQDQFDSFLKAYVHEFKFRSILADDFLDYFPELKKKRVDIIPGFEFDRWLNTPGWPP  
YLPDLSPGDSLMPAEELAQLWAAEELDMKAIEAVAISPWKTYQLVYFLDKILQKSPLPPGNVKKLGDY  
PSISNARNAELRLRWGQIVLKNHEDFWKVKFEFLHNQGGKQKYLPLYHAMMGGSEVAQTLAKETFASTA  
SQLHSNVVNYVQQIVAPKGS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

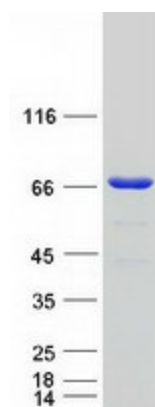
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	72.4 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_064601</a>
<b>Locus ID:</b>	6051
<b>UniProt ID:</b>	<a href="#">Q9H4A4</a>
<b>RefSeq Size:</b>	2430
<b>Cytogenetics:</b>	1q32.1
<b>RefSeq ORF:</b>	1950
<b>Synonyms:</b>	AP-B; APB
<b>Summary:</b>	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) (By similarity).[UniProtKB/Swiss-Prot Function]
<b>Protein Families:</b>	Druggable Genome, Protease, Secreted Protein

### Product images:



Coomassie blue staining of purified RNPEP protein (Cat# [TP300756]). The protein was produced from HEK293T cells transfected with RNPEP cDNA clone (Cat# [RC200756]) using MegaTran 2.0 (Cat# [TT210002]).