

## Product datasheet for TP509768

### Rnpep (NM\_145417) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse arginyl aminopeptidase (aminopeptidase B) (Rnpep), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209768 protein sequence Red=Cloning site Green=Tags(s)

MESGGPGNYSGAARRPLHSAQAVDVASASSFRAFEILHLHLDLRAEFGPPGPGPSRGLSGTATLELRCL  
LPEGASELRLDHSCLEVTAATLRRGQPGDQQAPEVPFHTQPFSHYGQALCVAFPQPCGAADRFELEL  
TYRVGEGPGVCWLAPEQTAGKKKPFVYTQGGQAVLNRAFFPCFDTPAVKCTYSALIEVPDGFTAVMSADTW  
EKGRPNKFFFQMSHPIPSYLIALAIGDLASAIEVGPSSRVAEPECLIEAAKEEYSGVIEEFLATGEKLFGP  
YVWGRYDLLFMPPSFPFGGMENPCLTFVTPCLLAGDRSLADVIIHEISHSWFGNLVTNANWGEFWLNEGF  
TMYAQRRISTILFGAAYTCLEAATGRALLRQHNMVSGEENPLNKLRVKIEPGVDPDDTYNETPYEKGYCF  
VSYLAHLVGDQDQFDKFLKAYVDEFKQFQSI AEDFLEFYLEYFPELKKKGVD SIPGFEFDRWLNTPGWPP  
YLPDLSPGDSLMPAEELAEELWVTSEPDMAIEVAIASTWKTYQLVYFLDKILQKSPLPPGNVKKLGETY  
PKISNAQNAELRLRWGQIILKNDYQEEFQKVKDFLQSQGKQKYTLPLYHAMMGGSEMARTLAKDTFAATA  
SQLHSNVVNYVQILAPKDS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	72.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_663392](#)

Locus ID: 215615

UniProt ID: [Q8VCT3](#)

RefSeq Size: 2301

Cytogenetics: 1 E4

RefSeq ORF: 1953

Synonyms: MGC29229

**Summary:** 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]