

## Product datasheet for **TP509262**

### Lnpep (BC066791) Mouse Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse leucyl/cystinyl aminopeptidase (cDNA clone MGC:76435 IMAGE:30054751), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR209262 representing BC066791 Red=Cloning site Green=Tags(s)
	<p>MIENSMFEEEPDVVDLAKEPCLHPLEPDEVEYEPGRSRLLVRLGHEMDEDEEDYESSAKLLGMSFMNR SSGLRNSAAGYRQSPDGTCSLPSARTLVICVFVIVAVSVIMVIYLLPRCTFTKEGCHKTNQSAELIQPV ATNGKVFQWPAQIRLPTAIIPLCYELSLHPNLTSMTFRGSVTISLQALQDTRDIILHSTGHNISRVTFMSA VSSQEKQVEILEYQYHEQIAVVAPEPLLTGHNYTLKIEYSANISNSYGFYGYTYTDKSNEKKYFAATQF EPLAARSAPCFDEPAFKATFIIKITRNEHHTALSNNPKKSSVPAEEGLIQDEFSESVKMSTYLVAFIG EMRNLSQDVNGTLVSVYAVPEKIGQVHHALDTTIKLLEFYQTYFEIQYPLKKLDLVAIPDFEAGAMENWG LLTFREETLLYDNATSSVADRKLVTKIIAHELAHQWFGNLVTMQQWWNDLWLNELGATFMEYFSVEKIFKE LNSYEDFLDARFKTMRKDSLNSHPISSSVQSSEQIEEMFDSL SYFKGASLLMLKSYLSESDVFRHAVIL YLHNHSYAAIQSDDLWDSFNVEVDKTL DVKKMMKT</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	101.4 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>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 after receiving vials.
<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.

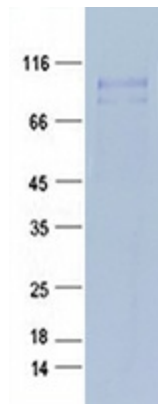


[View online »](#)

Locus ID: 240028  
UniProt ID: [Q8C129](#)  
RefSeq Size: 2767  
Cytogenetics: 17 A3.2  
RefSeq ORF: 1785  
Synonyms: IRAP, gp160, vp165, CAP, PLAP

**Summary:** Release of an N-terminal amino acid, cleave before cysteine, leucine as well as other amino acids. Degrades peptide hormones such as oxytocin, vasopressin and angiotensin III, and plays a role in maintaining homeostasis during pregnancy. May be involved in the inactivation of neuronal peptides in the brain. Cleaves Met-enkephalin and dynorphin. Binds angiotensin IV and may be the angiotensin IV receptor in the brain (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Purified recombinant protein Lnpep was analyzed by SDS-PAGE gel and Coomassie Blue Staining.