

## Product datasheet for TP513518

### Xpnpep2 (NM\_133213) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse X-prolyl aminopeptidase (aminopeptidase P) 2, membrane-bound (Xpnpep2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR213518 protein sequence Red=Cloning site Green=Tags(s)

MAQAYWQCYPWLILLCACAWSYPEPKYLGREDVRNCSTSPERLPVTAVNTTMRLAALRQQMETWNLSAYI  
IPDTDAHMEYIGKPKDKRREWISGFTGSAGTAVVTMGKAAVWTDSDRYWTQAERQMDCNWELHKEVSISSI  
VAWILA EVPDQGVNGFDPFLFSVDSWKNYDQGFQDSSRHLLSVTTNLVDVAWGSEPPVPSQPIYALPKE  
FTGSTWQEKVSAVRSYMEHAKTPTGVLLSALDETAWLFLNRSSDIPYNPFYSYALLTNSSIRLNVNKS  
RFSLETLQYLNCTLPMCVQLEDYSQVRDSVKAYASGDVKILIGVSYTTYGVYEVIPKEKLVTDITYSPV  
MLIKAVKNSKEQALLKSSHVRDAVAVIQYLWLEKNVPKGTVDEFSGAEYIDELRRNENFSSGSPFETIS  
ASGLNAALAHYSPTKELHRKLSSDEMYLVDSGGQYWDGTTDITRTVHWGTPAFQKEAYTRVLMGNIDLS  
RLVFPAAATSGRVIEAFARRALWEVGLNYGHGTGHGIGNFLCVHEWVPGFQYNNIAMAKGMFTSIEPGYYH  
DGEFGIRLEDVALVEAKTKYPGDYLT FELVSFVPYDRNLIDVRLLSPEQLQYLNRYQTIRENVGPELQ  
RRQLLEEFWLEQHT EPLSARAPHIISWTSLWVASALAILSWSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	76.4 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:	<a href="#">NP_573476</a>
Locus ID:	170745
UniProt ID:	<a href="#">B1AVD1</a>
RefSeq Size:	3498
Cytogenetics:	X A4
RefSeq ORF:	2025
Synonyms:	9030008G12Rik; mAPP
Summary:	Membrane-bound metalloprotease which catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Arg-Pro-Pro. May play a role in the metabolism of the vasodilator bradykinin.[UniProtKB/Swiss-Prot Function]