

Product datasheet for TP522865

Xpnpep3 (NM_177310) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse X-prolyl aminopeptidase 3, mitochondrial (Xpnpep3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222865 representing NM_177310 Red =Cloning site Green =Tags(s)
	 MPSLLSTPKLAPVLARLRGLSGCMSCLQRRYSLQPAPVKKIPNRYLGQSPVTHPHLLRPGEVTPGLSQV EYALRRHKLMALVHKEAQGHSGTDHTVWVLSNPTYMSNDIPYTFHQDNNFLYLTCGFQEPDSILVLQSF GKQLPSHKAMLFVPRRDPGRELWDGPRSGTDGAIALTGVDEAYPLEEFQHLLPKLRAETNMVWYDWMKPS HAQLHSDYMQLPTEAKARSKNKVRSVQQLIQLRLLVKSPSEIKRMQIAGKLTSEAFIETMFASKAPIDEA FLYAKFEFECRARGADILAYPPVWAGGNRSNTLHYVKNNQLIKDGEMVLLDGGCESSCYVSDITRTWPVN GRLLENTALIMLAITSGWMSMTLQTCGLGHSLSLEW TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	43.4 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.
RefSeq:	NP_796284
Locus ID:	321003
UniProt ID:	B7ZMP1



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RefSeq Size: 3236

Cytogenetics: 15 E1

RefSeq ORF: 1158

Synonyms: APP3; E430012M05Rik

Summary: Catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Leu-Pro-Ala. Also shows low activity towards peptides with Ala or Ser at the P1 position. Promotes TNFRSF1B-mediated phosphorylation of MAPK8/JNK1 and MAPK9/JNK2, suggesting a function as an adapter protein for TNFRSF1B; the effect is independent of XPNPEP3 peptidase activity. May inhibit apoptotic cell death induced via TNF-TNFRSF1B signaling.[UniProtKB/Swiss-Prot Function]