

Product datasheet for **TP303535L**

XPNPEP1 (NM_020383) Human Recombinant Protein

Product data:

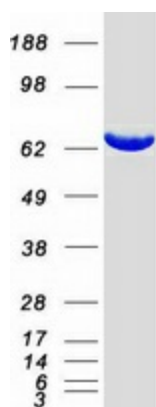
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human X-prolyl aminopeptidase (aminopeptidase P) 1, soluble (XPNPEP1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203535 protein sequence Red =Cloning site Green =Tags(s)
	MPPKVTSELLRQLRQAMRNSEYVTEPIQAYIIPSGDAHQSEYIAPCDCRRAFVSGFDGSAGTAIITEEHA AMWTDGRYFLQAAKQMDSNWTLMKMGKDTPTQEDWLVSVLPEGSRVGVDP LIPTDYWKMAKVLRSAG HHLIPVKENLVDKIWTRPERPCKPLLTLGLDYGTSWKDKVADLRLKMAERNVMWFVVTALDEIAWLFN LRGSDVEHNPVFFSYAIIIGLETIMLFIDGDRIDAPSVKEHLLDLGLEAEYRIQVHPYKSILSELKALCA DLSPREKVVVSDKASYAVSETIPKDHRCMPYTPICIAKAVKNSAESEGMRRRAHIKDAVALCELFNWLEK EVPKGGVTEISAADKAEFRRQQADFVDSLFP TISSTGPNGAIHYAPVPETNRTLSDLDEVYLIDSGAQY KDGTTDVTRTMHFGTPTAYEKECFYVLKGHIAVSAAVFPTGKGHLLDSFARSALWDSGLDYLHGTGHH VGSFLNVHEGPCGISYKTFSDPELEAGMIVTDEPGYEDGAFGIRIENVVLPVVKTKYFNFNRRGSLTFE PLTLVPIQTKMIDVDSLTDKECDWLN NYHLTCRDVIGKELQKQGRQEALWLIRETQPISKQH
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	74.6 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



[View online »](#)

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_065116
Locus ID:	7511
UniProt ID:	Q9NQW7 , Q9NQW7-3
RefSeq Size:	2557
Cytogenetics:	10q25.1
RefSeq ORF:	1869
Synonyms:	APP1; SAMP; XPNPEP; XPNPEPL; XPNPEPL1
Summary:	This gene encodes the cytosolic form of a metalloaminopeptidase that catalyzes the cleavage of the N-terminal amino acid adjacent to a proline residue. The gene product may play a role in degradation and maturation of tachykinins, neuropeptides, and peptide hormones. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Nov 2009]
Protein Families:	Druggable Genome, Protease

Product images:



Coomassie blue staining of purified XPNPEP1 protein (Cat# [TP303535]). The protein was produced from HEK293T cells transfected with XPNPEP1 cDNA clone (Cat# [RC203535]) using MegaTran 2.0 (Cat# [TT210002]).