Recombinant Full Length Mouse Xpnpep1 Protein, Flag tagged

Cat. No. Xpnpep1-7018M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Xpnpep1 Protein (1-623 aa) with C-Flag tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-623 aa
Description	Predicted to enable manganese ion binding activity; metalloaminopeptidase activity; and protein homodimerization activity. Predicted to be involved in bradykinin catabolic process; negative regulation of programmed cell death; and proteolysis. Predicted to be located in cytoplasm. Predicted to be active in cytosol. Orthologous to human XPNPEP1 (X-prolyl aminopeptidase 1).
Tag	C-Flag
Molecular Mass	78 kDa
AA Sequence	MAASRKPPRVRANRQDFQLRNLRIIEPNEVTPSGDKSVETDHRMAPKVTSELLRQL RQAMRNSEYVAEPIQAYIIPSGDAHQSEYIAPCDCRRAFVSGFDGSAGTAIITEEHAA MWTDGRYFLQAAKQMDNNWTLMKMGLKDTPTQEDWLVSVLPEGSRVGVDPLIIPT DYWKKMAKVLRSAGHHLVPVKENLVDKIWTDRPERPCKPLLTLGLDYTGISWKEKV ADLRLKMAERSIAWFVVTALDEIAWLFNLRGSDVEHNPVFFSYAIVGLETIMLFIDGD RVDAPGVKQHLLLDLGLEAEYRIQVLPYKSILSELKALCADLSPREKVWVSDKASYAV

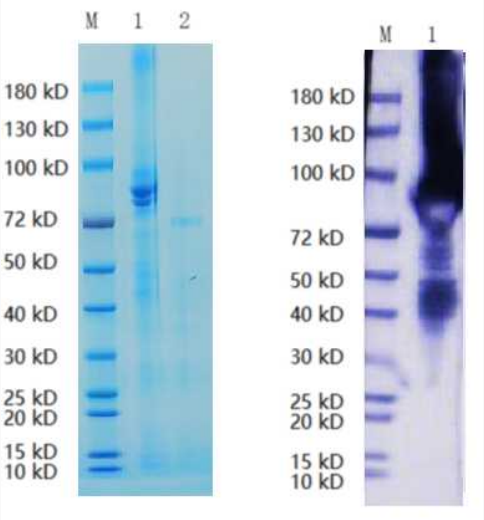
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	SEAIPKDHRCCMPYTPICIAKAVKNSAESDGMRRAHIKDAVALCELFNWLEQEVPKG GVTEISAADKAEEFRRQQADFVDLSFPTISSTGPNGAIIHYAPVPETNRTLSLDEVYLI DSGAQYKDGTTDVTRTMHFGTPTAYEKECFTYVLKGHIAVSAAVFPTGTKGHLLDSF ARSALWDSGLDYLHGTGHGVGSFLNVHEGPCGISYKTFSDEPLEAGMIVTDEPGYY EDGAFGIRIENVVLVVPAKTKYNFNNRGSLTFEPLTLVPIQTKMIDVNALTDKECDWL NSYHQTCRDVVGKELQSQGRQEALEWLIRETEPVSRQHTRTRPLEQKLISEEDLAA NDILDYKDDDDKV
Purity	> 80% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile 25mM Tris, pH7.3, 100mM Glycine, 10% Glycerol.
Concentration	0.23 mg/mL by BCA

GENE INFORMATION

Gene Name	Xpnpep1 X-prolyl aminopeptidase (aminopeptidase P) 1, soluble [Mus musculus (house mouse)]
Official Symbol	Xpnpep1
Synonyms	XPNPEP1; X-prolyl aminopeptidase (aminopeptidase P) 1, soluble; xaa-Pro aminopeptidase 1; sAmp; X-Pro aminopeptidase 1; soluble aminopeptidase P; cytosolic aminopeptidase P; aminoacylproline aminopeptidase; X-prolyl aminopeptidase 1, soluble; D230045I08Rik
Gene ID	170750

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

mRNA Refseq	NM_133216
Protein Refseq	NP_573479
UniProt ID	Q3UE92
Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-Flag Mouse Monoclonal antibody) analysis profile of purified Xpnpep1.	 1. Xpnpep1: 1 μg 2. BSA: 1 μg

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA