

## Recombinant Mouse Xpnpep3 Protein, Myc/DDK-tagged

Cat. No. Xpnpep3-7020M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse X-prolyl aminopeptidase 3, mitochondrial (Xpnpep3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	43.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<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.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Xpnpep3](#) X-prolyl aminopeptidase 3, mitochondrial [ *Mus musculus* (house mouse) ]

**Official Symbol** [Xpnpep3](#)

**Synonyms** XPNPEP3; X-prolyl aminopeptidase (aminopeptidase P) 3, putative; probable Xaa-Pro aminopeptidase 3; aminopeptidase P3; X-Pro aminopeptidase 3; APP3; E430012M05Rik

**Gene ID** [321003](#)

**mRNA Refseq** [NM\\_177310](#)

**Protein Refseq** [NP\\_796284](#)

**UniProt ID** [B7ZMP1](#)

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