

Recombinant Mouse Xpnpep3 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse X-prolyl aminopeptidase 3, mitochondrial (Xpnpep3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	43.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>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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