

# Recombinant Mouse Xpnpep2 Protein, Myc/DDK-tagged

**Cat. No.** Xpnpep2-7019M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of Mouse X-prolyl aminopeptidase (aminopeptidase P) 2, membrane-bound (Xpnpep2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                           |
| <b>Species</b>          | Mouse                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                           |
| <b>Description</b>      | Membrane-bound metalloprotease which catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Arg-Pro-Pro. May play a role in the metabolism of the vasodilator bradykinin. |
| <b>Molecular Mass</b>   | 76.4 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                                                                                                                                                                 |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                            |

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## GENE INFORMATION

|                 |                                                                                                                             |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Xpnpep2 X-prolyl aminopeptidase (aminopeptidase P) 2, membrane-bound [ Mus musculus (house mouse) ]                         |
| Official Symbol | Xpnpep2                                                                                                                     |
| Synonyms        | XPNPEP2; X-prolyl aminopeptidase (aminopeptidase P) 2, membrane-bound; membrane-bound aminopeptidase P; mAPP; 9030008G12Rik |
| Gene ID         | 170745                                                                                                                      |
| mRNA Refseq     | NM_133213                                                                                                                   |
| Protein Refseq  | NP_573476                                                                                                                   |
| UniProt ID      | B1AVD1                                                                                                                      |

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