

Recombinant Human XPNPEP1, T7-tagged

Cat. No. XPNPEP1-2955H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human XPNPEP1 (1-623 aa) is expressed in <i>E.Coli</i> with a T7 tag at N-terminus. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-623 a.a. |
| Description | 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. |
| MW | 11189 Da. |
| Purity | 95%. |
| Formulation | 10 mM Tris. pH 8.0. 0.1% Triton X-100.0.002% NaN ₃ . 10mM DTT. |
| Application | MS. SDS. |

GENE INFORMATION

Gene Name XPNPEP1 X-prolyl aminopeptidase (aminopeptidase P) 1, soluble [Homo sapiens]

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| Synonyms | <p> XPNPEP1; X-prolyl aminopeptidase (aminopeptidase P) 1, soluble; RP11-451M19.1, SAMP, XPNPEP, XPNPEPL, XPNPEPL1; OTTHUMP00000020457; OTTHUMP00000020458; X-Pro aminopeptidase 1; X-prolyl aminopeptidase (aminopeptidase P)-like; X-prolyl aminopeptidase 1, soluble; aminoacylproline aminopeptidase; aminopeptidase P, cytosolic; cytosolic aminopeptidase P; soluble aminopeptidase P; xaa-Pro aminopeptidase 1; EC 3.4.11.9 </p> |
| Gene ID | 7511 |
| mRNA Refseq | NM_001167604 |
| Protein Refseq | NP_001161076 |
| MIM | 602443 |
| UniProt ID | Q9NQW7 |
| Chromosome Location | 10q25.3 |
| Function | <p> aminopeptidase activity; manganese ion binding; metalloaminopeptidase activity; protein homodimerization activity </p> |

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