

Recombinant Human XPNPEP1, T7-tagged

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

SPECIFICATION

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
Protein Length	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	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
Gene ID	7511
mRNA Refseq	NM_001167604
Protein Refseq	NP_001161076
MIM	602443
UniProt ID	Q9NQW7
Chromosome Location	10q25.3
Function	aminopeptidase activity; manganese ion binding; metalloaminopeptidase activity; protein homodimerization activity