

Recombinant Human XPNPEP1

Cat. No. XPNPEP1-30132TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human XPNPEP1 protein, 72kDa.
Species	Human
Source	E.coli
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.
Tissue specificity	Expressed in all tissues tested, including pancreas, heart, muscle, kidney, liver, lung and brain. Highest levels in pancreas.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the peptidase M24B family.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Full Length Full L.

GENE INFORMATION

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

Official Symbol [XPNPEP1](#)

Synonyms XPNPEP1; X-prolyl aminopeptidase (aminopeptidase P) 1, soluble; X prolyl aminopeptidase (aminopeptidase P) like , XPNPEP, XPNPEPL, XPNPEPL1; xaa-Pro aminopeptidase 1;

Gene ID [7511](#)

mRNA Refseq [NM_001167604](#)

Protein Refseq [NP_001161076](#)

MIM [602443](#)

Uniprot ID [Q9NQW7](#)

Chromosome Location 10q25.3

Function aminopeptidase activity; aminopeptidase activity; hydrolase activity; manganese ion binding; metal ion binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA