

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