

Recombinant Human XPNPEP1 protein, T7-tagged

Cat. No. XPNPEP1-186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human XPNPEP1 (666 aa) protein fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	666 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGEFGSTSMAASRKPPRVRVNHQDFQLRNLRIIEPNEVTHSGDT GVETDGRMPPKVTSELLRQL RQAMRNSEYVTEPIQAYIIPSGDAHQSEYIAPCDCR RAFVSGFDGSAGTAITEEHAAMWTDGRYFLQAAQMDS NWTLMKMGLKDTPTQE DWLVSVLPEGSRVGVDP LIPTDYWKMAKVLRSAGHHLIPVKENLVDKIWTD RPER PC KPLLTGLDYGISWKDKVADLRLKMAERNVMWFVVTALDEIAWLFNLRGSDVE HNPVFFSYAIGLETIMLFID GDRIDAPSVKEHLLDLGLEAEYRIQVHPYKSILSELKA LCADLSPREKVWVSDKASYAVSETIPKDHRCMPYT PICIAKAVKNSAESEGM RRA HIKDAVALCELFNWLEKEVPKGGVTEISAADKAEFFRRQQADFVDLSFPTISSTG PN GAIIHYAPVPETNRTLSDLDEVYLIDSGAQYKDGTTDVTTRTMHFGTPTAYEKECFTYVL KGHIAVSAAVFPTGT KGHLLDSFARSALWDSGLDYLHGTGHGVGSFLNVHEGPCGI SYKTFSDEPLEAGMIVTDEPGYYEDGAFGIRIEN VLVVPVKTKYNFNNRGS LTFEP LTLVPIQTKMIDVDSLTDKECDWLNNYHLTCRDVIGKELQKQGRQEALWLI RETQP

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ISKQH

Purity >90% by SDS-PAGE.

Storage Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

GENE INFORMATION

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

Official Symbol [XPNPEP1](#)

Synonyms XPNPEP1; xaa-Pro aminopeptidase 1; X-Pro aminopeptidase 1; soluble aminopeptidase P; cytosolic aminopeptidase P; aminopeptidase P, cytosolic; APP1; SAMP; XPNPEP; XPNPEPL; XPNPEPL1;

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; metalloaminopeptidase activity; metallopeptidase activity; peptidase activity; protein homodimerization activity;

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