

Xaa-Pro aminopeptidase 1 Recombinant Protein | XPNPEP1 recombinant protein

Recombinant Human Xaa-Pro aminopeptidase 1

CATALOG # AAA117401	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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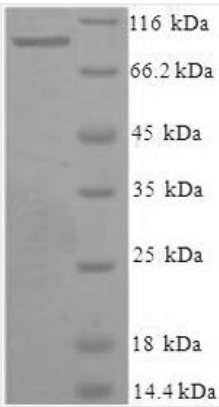
PRODUCT SYNONYMS

Xaa-Pro aminopeptidase 1; Recombinant Human Xaa-Pro aminopeptidase 1; Aminoacylproline aminopeptidase; Cytosolic aminopeptidase P; Soluble aminopeptidase P; sAmp; X-Pro aminopeptidase 1; X-prolyl aminopeptidase 1; soluble; XPNPEP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-623aa; Full Length of Mature Protein
Sequence	PPKVTSELLR QLRQAMRNSE YVTEPIQAYI IPSGDAHQSE YIAPCDCRRA FVSGFDGSAG TAIITEEHAA MWTDGRYFLQ AAKQMDSNWT LMKMGLKDTP TQEDWLVSVL PEGSRVGVDL LIPTDYWKK MAKVLSAGH HLIPVKENLV DKIWTDRPER PCKPLTLGL DYTGISWKDK VADLRKMAE RNVMWVFTA LDEIAWLFNL RGSDVEHNPV FFSYAIIGLE TIMLFIDGDR IDAPSVKEHL LLDLGLEAEY RIQVHPYKSI LSELKALCAD LSPREKVWVS DKASYAVSET IPKDHRCMP YTPICIAKAV KNSAESEGMR RAHIKDAVAL CELFNWLEKE VPKGGVTEIS AADKAEFRF QQADFVDSF PTISSTGPNQ AIHYAPVPE TNRTLSLDEV YLIDSGAQYK DGTTDVTRTM HFGTPTAYEK ECFTYVLKGH IAVSAVFPT GTKGHLLDSF ARSALWDSGL DYLGHTGHGV GSFLNVHEGP CGISYKTFSD EPLEAGMIVT DEPGYYEDGA FGIRIENVVL VVPVKTKYNF NNRGSLTFEP LTLVPIQTKM IDVDSLTDKE CDWLNNYHLT CRDVIGKELQ KQGRQEALW LIRETPISK QH
Sequence Length	642
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for XPNPEP1 recombinant protein	Contributes to the degradation of bradykinin. Catalyzes the roval of a penultimate prolyl residue from the N-termini of peptides, such as Arg-Pro-Pro.
Product Categories/Family for XPNPEP1 recombinant protein	Metabolism
References	Isolation and sequence analysis of a human cDNA clone (XPNPEPL)

NCBI AND UNIPROT INFORMATION

NCBI GI #	264681565
NCBI GeneID	7511
NCBI Accession #	NP_001161076.1
NCBI GenBank Nucleotide #	NM_001167604.1
UniProt Accession #	Q9NQW7; O15250; Q53EX6; Q8N3Q0; Q96D23; A8K071; G5E9Y2; G8JLB2
Molecular Weight	85.8 kDa
NCBI Official Full Name	xaa-Pro aminopeptidase 1 isoform 2
NCBI Official Synonym Full Names	X-prolyl aminopeptidase (aminopeptidase P) 1, soluble
NCBI Official Symbol	XPNPEP1
NCBI Official Synonym Symbols	APP1; SAMP; XPNPEP; XPNPEPL; XPNPEPL1
NCBI Protein Information	xaa-Pro aminopeptidase 1
UniProt Protein Name	Xaa-Pro aminopeptidase 1
UniProt Gene Name	XPNPEP1
UniProt Synonym Gene Names	sAmp
UniProt Entry Name	XPP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.