

Datasheet for ABIN7545199

## XPNPEP3 Protein (AA 1-507) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	XPNPEP3
Protein Characteristics:	AA 1-507
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This XPNPEP3 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant XPNPEP3 Protein expressed in mammalian cells.
Sequence:	<p>MPWLLSAPKL VPAVANVRGL SGCMLCSQRR YSLQVPERR IPNRYLGQPS PFTHPHLLRP</p> <p>GEVTPGLSQV EYALRRHKLM SLIQKEAQQG SGTDQTVVVL SNPTYYSND IPYTFHQDNN</p> <p>FLYLCGFQEP DSILVLQSLP GKQLPSHKAI LFVPRRDP SR ELWDGPRSGT DGAIALTGVD</p> <p>EAYTLEEFQH LLPKMKAETN MVWYDWMRPS HAQLHSDYMQ PLTEAKAKSK NKVRGVQQLI</p> <p>QRLRLIKSPA EIERMQIAGK LTSQAFIETM FTSKAPVEEA FLYAKFEFEC RARGADILAY</p> <p>PPVVAGGNRS NTLHYVKNNQ LIKDGEVLL DGGCESSCYV SDITRTWPVN GRFTAPQAEI</p> <p>YEAVLEIQRD CLALCFPGTS LENIYSMMLT LIGQKLKDLG IMKNIKENNA FKAARKYCPH</p> <p>HVGHYLGMDV HDTPDMRSL PLQPGMVITI EPGIYIPEDD KDAPEKFRGL GVRIEDDVVV</p> <p>TQDSPLILSA DCPKEMNDIE QICSQAS</p> <p><b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

isoform, please contact us regarding an individual offer.

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

### Target:

XPNPEP3

### Alternative Name:

XPNPEP3 ([XPNPEP3 Products](#))

### Background:

Xaa-Pro aminopeptidase 3 (X-Pro aminopeptidase 3) (EC 3.4.11.9) (Aminopeptidase P3) (APP3), FUNCTION: Catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Leu-Pro-Ala (PubMed:25609706, PubMed:28476889). Also shows low activity towards peptides with Ala or Ser at the P1 position (PubMed:28476889). {ECO:0000269|PubMed:25609706, ECO:0000269|PubMed:28476889}., FUNCTION: [Isoform 1]: Promotes TNFRSF1B-mediated phosphorylation of MAPK8/JNK1 and MAPK9/JNK2, suggesting a function as an adapter protein for TNFRSF1B, the effect is independent of XPNPEP3 peptidase activity. May inhibit apoptotic cell death induced via TNF-TNFRSF1B signaling. {ECO:0000269|PubMed:25609706}.

### Molecular Weight:

57.0 kDa

### UniProt:

[Q9NQH7](#)

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months