

Datasheet for ABIN7552274  
**ENPEP Protein (AA 1-957) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	ENPEP
Protein Characteristics:	AA 1-957
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENPEP protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat ENPEP Protein expressed in mammalien cells.
Sequence:	<p>MNFAEREGSK RYCIQTKHVA ILCAVVVGVG LIVGLAVGLT RSCDSSGDGG PGTAPAPSHL PSSTASPSGP PAQDQDPCPA SEDESGQWKN FRLPDFVNPV HYDLHVKPLL EEDTYTGTVS ISINLSAPTR YLWLHLRETR ITRLPELKRP SGDQVQVRRR FEYKKQEYVV VEAEEELTPS SGDGLYLLTM EFAGWLNGLSL VGFYRTTYTE NGQVKSIVAT DHEPTDARKS FPCFDEPNKK ATYITISITHP KEYGALSNNMP VAKEESVDDK WTRTTFEKSV PMSTYLVCFV VHQFDSVKRI SNSGKPLTIY VQPEQKHTAE YAANITKSVF DYFEEYFAMN YSLPKLDKIA IPDFGTGAME NWGLITYRET NLLYDPKESA SSNQQRVATV VAHEL VHQWF GNIVTMDWWE DLWLNDFAS FFEFLGVNHA ETDWQMRDQM LLEDVLPVQE DDSLMSSHPI IVTVTTPDEI TSVFDGISYS KGSSILRMLE DWIKPENFQK GCQMYLEKYQ FKNAKTSDFW AALEEASRLP VKEVMDTWTR QMGYPVLNVN GVKNITQKRF LLDPRANPSQ PPSDLGYTWN IPVKWTEDEI TSSVLFNRSE KEGITLNSSN PSGNAFLKIN PDHIGFYRVN YEVATWDSIA TALSLNHKTF SSADRASLID</p>

## Product Details

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DAFALARAQL LDYKVALNLT KYLKREENFL PWQRVISAVT YIISMFEEDK ELYPMIEEYF  
QGQVKPIADS LGWNDAGDHV TKLLRSSLVGL FACKMGDREA LNNASSLFEQ WLNGTVSLPV  
NLRLLVYRYG MQNSGNEISW NYTLEQYQKT SLAQEKEKLL YGLASVKNVT LLSRYLDLLK  
DTNLIKTQDV FTVIRYISYN SYGKNMAWNW IQLNWDYLVN RYTLNRRNLG RIVTIAEPFN  
TELQLWQMES FFAKYPQAGA GEKPREQVLE TVKNNIEWLK QHRNTIREWF FNLLESG **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.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

ENPEP

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### Alternative Name:

ENPEP ([ENPEP Products](#))

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### Background:

Glutamyl aminopeptidase (EAP) (EC 3.4.11.7) (Aminopeptidase A) (AP-A) (Differentiation antigen gp160) (CD antigen CD249),FUNCTION: Regulates central hypertension through its calcium-modulated preference to cleave N-terminal acidic residues from peptides such as angiotensin II. {ECO:0000305|PubMed:23888046}.

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### Molecular Weight:

109.2 kDa

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## Target Details

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UniProt: [Q07075](#)

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Pathways: [Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones](#)

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## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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