

Datasheet for ABIN7556449

## Aspartyl Aminopeptidase Protein (DNPEP) (AA 1-473) (His tag)



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### Overview

Quantity:	1 mg
Target:	Aspartyl Aminopeptidase (DNPEP)
Protein Characteristics:	AA 1-473
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Aspartyl Aminopeptidase protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Dnpep Protein expressed in mammalian cells.
Sequence:	<p>MAMNGRARKE AIQATARELL KFNRSPPF HVVAECSRSL LQAGFRELKE TEGWDIVPEN KYFLTRNSSS IIAFAVGGQY VPGNGFSLIG AHTDSPCLRV KRKSRRSQVG YHQVGVETYG GGIWSTWFDR DLTLAGRVII KCPTSGRLEQ RLVHIERPIL RIPHLAIHLQ RNINENFGPN TEIHLVPILA TAVQEELEKG TPEPGPLGAT DERHHSVLMMS LLCTHLGLSP DSIMEMELCL ADTQPAVLGG AYEEFIFAPR LDNLHSCFCA LQALIDSCAS PASLARDPHV RMVTLYDNEE VGSESAQGAQ SLLTELILRR ISASPQLTA FEEAIPKSFM ISADMAHAVH PNYSDKHEEN HRPLFHKGVPV IKVNSKQRYA SNAVSESMIR EVAGQVGVPL QDLMVRNDSP CGTTIGPILA SRLGLRVLDL GSPQLAMHSI RETACTTGVL QTLTLFKGFF ELFPSVSRNL LVD <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

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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

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### Target:

Aspartyl Aminopeptidase (DNPEP)

### Alternative Name:

Dnpep ([DNPEP Products](#))

### Background:

Aspartyl aminopeptidase (EC 3.4.11.21),FUNCTION: Aminopeptidase with specificity towards an acidic amino acid at the N-terminus. Likely to play an important role in intracellular protein and peptide metabolism (By similarity). {ECO:0000250}.

### Molecular Weight:

52.2 kDa

### UniProt:

[Q9Z2W0](#)

## Application Details

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### 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

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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