

Datasheet for ABIN7547320  
**EHD4 Protein (AA 1-541) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	EHD4
Protein Characteristics:	AA 1-541
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EHD4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat EHD4 Protein expressed in mammalian cells.
Sequence:	<p>MFSWMGRQAG GRERAGGADA VQTVTGGRLS LYLRKVLPLE EAYRFHEFHS PALEDADFEN  KPMILLVGQY STGKTTFIRY LLEQDFPGMR IGPEPTTDSF IAVMYGETEG STPGNALVVD  PKKPFRKLSR FGNAFLNRFM CSQLPNQVLK SISVIDSPGI LSGEKQRISR GYDFCQVLQW  FAERVDRIIL LFDAHKLDIS DEFSEAIKAF RGQDDKIRVV LNKADQVDTQ QLMRVYGALM  WSLGKVINTP EVLRVYIGSF WAQPLQNTDN RRLFEAEAQD LFRDIQSLPQ KAAVRKLNLDL  IKRARLAKVH AYIISYLKKE MPSVFGKENK KRELISRLPE IYIQLQREYQ ISAGDFPEVK  AMQEQLENYD FTKFHSLKPK LIEAVDNMLS NKISPLMNLI SQEETSTPTQ LVQGGAFDGT  TEGPFNQGYG EGAKEGADEE EWWVAKDKPV YDELFYTLSP INGKISGVNA KKEMVTSKLP  NSVLGKIWKI ADCDCDGM LD EEFALAKHL IKIKLDGYEL PSSLPPLHVP PSHRKS LPKA D</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.</b></p>

## Product Details

---

### In case you have a special request, please contact us.

---

#### 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, Western Blot

#### Grade:

custom-made

## Target Details

---

#### Target:

EHD4

#### Alternative Name:

EHD4 ([EHD4 Products](#))

#### Background:

EH domain-containing protein 4 (Hepatocellular carcinoma-associated protein 10/11) (PAST homolog 4), FUNCTION: ATP- and membrane-binding protein that probably controls membrane reorganization/tubulation upon ATP hydrolysis. Plays a role in early endosomal transport. {ECO:0000269|PubMed:17233914, ECO:0000269|PubMed:18331452}.

#### Molecular Weight:

61.2 kDa

#### UniProt:

[Q9H223](#)

## Application Details

---

#### 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.

Application Details

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