

Datasheet for ABIN7548220  
**HECTD2 Protein (AA 1-776) (His tag)**



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## Overview

Quantity:	1 mg
Target:	HECTD2
Protein Characteristics:	AA 1-776
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HECTD2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat HECTD2 Protein expressed in mammalian cells.
Sequence:	MSEAVRVPSP ATPLVVAAPA PEERKKGKES REKLPIVSA GAGATAGLDR GAKGQISTFS SFISAVSPKK EAAENRSPA HLVPNIKVN REPPPICLDV RQKQRTSMDA SSSEMKAPVL PEPILPIQPK TVKDFQEDVE KVKSSGDWKA VHDFYLTTFD SFPELNAAFK KDATASFNTI EDSGINAKFV NAVYDTLLNT PQDVQKTVLK GIINSLLEW KGPRTKDDL AYFILLQNPQ FNNTSTYVIY AHLRQIATL VEADHHFLVH WFKKLSQKRF KQLVERLLQF ISLRLFPAK EEFPITKCS WWIPSAKVL ALLNTANNLV HPPLIPYDF YNSTLDHIDL MEEYHTWQNF GNSHRFSFCQ YPFVISVAAK KIIIQRDSEQ QMINIARQSL VDKVSRQR DMNILFLNMK VRRTHLVSDS LDELTRKRAD LKKKLVTFV GEAGLDMGGL TKEWFLLLIR QIFHPDYGMF TYHKDSCHW FSSFKCDNYS EFRLVGILMG LAVYNSITLD IRFPCCYK LLSPPIIPSD QNIPVGICNV TVDDLQIMP ELAHLSELL SHEGNVEEDF YSTFQVFQEE FGIKSYNLK PGGDKISVTN QNRKEYVQLY TDFLLNKSIV QFAAFYYGF HVCASNALM LLRPEEVEIL

## Product Details

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VCGSPDLDMH ALQRSTQYDG YAKTDLTIKY FWDVVLGFPL DLQKLLHFT TGSDRVPVGG  
MADLNFKISK NETSTNCLPV AHTCFNQLCL PPYKSKKDLK QKLIIGISNS EGFGLE **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:

HECTD2

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### Alternative Name:

HECTD2 ([HECTD2 Products](#))

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### Background:

Probable E3 ubiquitin-protein ligase HECTD2 (EC 2.3.2.26) (HECT domain-containing protein 2) (HECT-type E3 ubiquitin transferase HECTD2),FUNCTION: E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. {ECO:0000269|PubMed:28584101}.,  
FUNCTION: (Microbial infection) Catalyzes ubiquitination of Botulinum neurotoxin A light chain (LC) of C.botulinum neurotoxin type A (BoNT/A). {ECO:0000269|PubMed:28584101}.

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### Molecular Weight:

88.1 kDa

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## Target Details

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UniProt: [Q5U5R9](#)

## 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.

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