

Datasheet for ABIN7545149

**WASF2 Protein (AA 1-498) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	WASF2
Protein Characteristics:	AA 1-498
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WASF2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant WASF2 Protein expressed in mammalian cells.
Sequence:	MPLVTRNIEP RHLCRQTLPS VRSELECVTN ITLANVIRQL GSLSKYAEDI FGELFTQANT FASRVSSLAE RVDRLQVKVT QLDPKEEEVS LQGINTRKAF RSSTIQDQKL FDRNSLPVPV LETYNTCDTP PPLNNLTPYR DDGKEALKFY TDPSYFFDLW KEKMLQDTKD IMKEKRKHRK EKKDNPNRGN VNPRKIKTRK EEWEKMKMGQ EFVESKEKLG TSGYPPTLVY QNGSIGCVEN VDASSYPPPP QSDSASSPSP SFSEDNLPPP PAEFSYPVDN QRGSLAGPK RSSVSPSHP PPAPPLGSPG GPKPGFAPPP APPPPPPPMI GIPPPPPVVG FGSPGTPPPP SPPSFPPHPD FAAPPPPPP PAADYPTLPP PPLSQPTGGA PPPPPPPPPP GPPPPPTGA DGQPAIPPL SDTTKPKSSL PAVSDARSDL LSAIRQGFQL RRVEEQREQE KRVDVGNQDVA TILSRRIAVE YDSEDDSSSE FDEDDWSD <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>
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:

WASF2

### Alternative Name:

WASF2 ([WASF2 Products](#))

### Background:

Actin-binding protein WASF2 (Protein WAVE-2) (Verprolin homology domain-containing protein 2) (Wiskott-Aldrich syndrome protein family member 2) (WASP family protein member 2),FUNCTION: Downstream effector molecule involved in the transmission of signals from tyrosine kinase receptors and small GTPases to the actin cytoskeleton. Promotes formation of actin filaments. Part of the WAVE complex that regulates lamellipodia formation. The WAVE complex regulates actin filament reorganization via its interaction with the Arp2/3 complex. {ECO:0000269|PubMed:10381382, ECO:0000269|PubMed:16275905}.

### Molecular Weight:

54.3 kDa

### UniProt:

[Q9Y6W5](#)

### Pathways:

[RTK Signaling](#)

## 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.

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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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