

Datasheet for ABIN7556020  
**WIPF1 Protein (AA 1-503) (His tag)**



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## Overview

Quantity:	1 mg
Target:	WIPF1
Protein Characteristics:	AA 1-503
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WIPF1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat WIPF1 Protein expressed in mammalian cells.
Sequence:	<p>MPVPPPPAPP PPPTFALANT EKPTLNKTEQ AGRNALLSDI SKGKKLKKTV TNDRSAPILD</p> <p>KPKGAGAGGG GGGFGGGGGF GGGGGGGGGG SFGGGGPPGL GGLFQAGMPK LRSTANRDND</p> <p>SGGSRPPLLPGGRSTSAKP FSPPSGPGRF PVPSPGHRSG PPEPQRNRMP PPRPDVGSKP</p> <p>DSIPPPVPST PRPIQSSPHN RGSPVPGGP RQPSGPPTPP PFPGNRGTAL GGGSIQSQSPL</p> <p>SSSSPFSNRP PLPPTPSRAL DDKPPPPPPP VGNRPSIHRE AVPPPPQNN KPPVPSTPRP</p> <p>SASSQAPPPP PPPSRPGPPP LPPSSSGNDE TPRLPQRNLS LSSSTPPLPS PGRSGPLPPP</p> <p>PSERPPPPVR DPPGRSGPLP PPPPVSRNGS TSRALPATPQ LPSRSGVDSP RSGPRPPLPP</p> <p>DRPSAGAPPP PPPSTSIRNG FQDSPCEDEW ESRFYFHPIS DLPPEPYVQ TTKSYPSKLA</p> <p>RNESRSGSNR RERGAPPLPP IPR <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>

## Product Details

### 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:

WIPF1

### Alternative Name:

WIPF1 ([WIPF1 Products](#))

### Background:

WAS/WASL-interacting protein family member 1 (Protein PRPL-2) (Wiskott-Aldrich syndrome protein-interacting protein) (WASP-interacting protein),FUNCTION: Plays a role in the reorganization of the actin cytoskeleton. Contributes with NCK1 and GRB2 in the recruitment and activation of WASL. May participate in regulating the subcellular localization of WASL, resulting in the disassembly of stress fibers in favor of filopodia formation. Plays a role in the formation of cell ruffles (By similarity). Plays an important role in the intracellular motility of vaccinia virus by functioning as an adapter for recruiting WASL to vaccinia virus. {ECO:0000250, ECO:0000269|PubMed:10878810, ECO:0000269|PubMed:19910490, ECO:0000269|PubMed:9405671}.

### Molecular Weight:

51.3 kDa

### UniProt:

[O43516](#)

### Pathways:

[RTK Signaling](#)

## 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.
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Restrictions:	For Research Use only
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## 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