

Datasheet for ABIN7545203
WSB1 Protein (AA 1-421) (His tag)



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Overview

Quantity:	1 mg
Target:	WSB1
Protein Characteristics:	AA 1-421
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WSB1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WSB1 Protein expressed in mammalian cells.
Sequence:	<p>MASFPPRVNE KEIVRLRTIG ELLAPAAPFD KKCGRENWTV AFAPDGSYFA WSQGHRTVKL VPWSQCLQNF LLHGTKNVTN SSSLRLPRQN SDGGQKNKPR EHIIDCGDIV WSLAFGSSVP EKQSRCVNIE WHRFRFGQDQ LLLATGLNNG RIKIWDVYTG KLLLNLVDHT EVVRDLTFAP DGSLILVSAS RDKTLRVWDL KDDGNMMKVL RGHQNWVYSC AFSPDSSMLC SVGASKAVFL WNMDKYTMIR KLEGHHHDVV ACD FSPD GAL LATASYDTRV YIWDPHNGDI LMEFGHLFPP PTPIFAGGAN DRWVRSVSFS HDGLHVASLA DDKMVRFWRI DEDYPVQVAP LSNGLCCAFS TDGSVLAAGT HDGSVYFWAT PRQVPSLQHL CRMSIRRVMP TQEVQELPIP SKLLEFLSYR I</p> <p>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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

WSB1

Alternative Name:

WSB1 ([WSB1 Products](#))

Background:

WD repeat and SOCS box-containing protein 1 (WSB-1) (SOCS box-containing WD protein SWiP-1),FUNCTION: Probable substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Recognizes type II iodothyronine deiodinase/DIO2. Confers constitutive instability to HIPK2 through proteasomal degradation. {ECO:0000269|PubMed:15601820, ECO:0000269|PubMed:15965468, ECO:0000269|PubMed:18093972}.

Molecular Weight:

47.4 kDa

UniProt:

[Q9Y617](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

functional studies yet we cannot offer a guarantee though.

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
