

Datasheet for ABIN7545089
WDFY1 Protein (AA 1-410) (His tag)



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Overview

Quantity:	1 mg
Target:	WDFY1
Protein Characteristics:	AA 1-410
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WDFY1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WDFY1 Protein expressed in mammalian cells.
Sequence:	<p>MAAEIHSRPQ SSRPVLLSKI EGHQDAVTAA LLIPKEDGVI TASEDRTIRV WLKRDGQYW PSIYHTMASP CSAMAYHHDS RRIFVGQDNG AVMEFHVSED FNKMNFIKTY PAHQNRVSAI IFSLATEWVI STGHDKCVSW MCTRSGNMLG RHFFTSWASC LQYDFDTQYA FVGDYSGQIT LLKLEQNTCS VITTLKGHEG SVACLWWDP I QRLLFSGASD NSIIMWDIGG RKGRTLLLQG HHDKVQSLCY LQLTRQLVSC SSDGGIAVWN MDVSREEAPQ WLESDSCQKC EQPFFWNIKQ MWDTKTLGLR QHHCRCGQA VCGKCSSKRS SYPVMGFEFQ VRVCDSCYDS IKDEDRTSLA TFHEGKHNIH HMSMDIARGL MVTCGTDRIV KIWDMTPVVG CSLATGFSPH 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:

WDFY1

Alternative Name:

WDFY1 ([WDFY1 Products](#))

Background:

WD repeat and FYVE domain-containing protein 1 (FYVE domain-containing protein localized to endosomes 1) (FENS-1) (Phosphoinositide-binding protein 1) (WD40- and FYVE domain-containing protein 1) (Zinc finger FYVE domain-containing protein 17),FUNCTION: Positively regulates TLR3- and TLR4-mediated signaling pathways by bridging the interaction between TLR3 or TLR4 and TICAM1. Promotes TLR3/4 ligand-induced activation of transcription factors IRF3 and NF-kappa-B, as well as the production of IFN-beta and inflammatory cytokines (PubMed:25736436). {ECO:0000269|PubMed:25736436}.

Molecular Weight:

46.3 kDa

UniProt:

[Q8IWB7](#)

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
