

[Go to Product page](#)

Datasheet for ABIN7545195

WRNIP1 Protein (AA 1-665) (His tag)

Overview

Quantity:	1 mg
Target:	WRNIP1
Protein Characteristics:	AA 1-665
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WRNIP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WRNIP1 Protein expressed in mammalian cells.
Sequence:	MEVSGPEDDP FLSQLHQVQC PVCQQMMPAA HINSHLDRCL LLHPAGHAEP AAGSHRAGER AKGPSPPGAK RRRLSESSAL KQPATPTAAE SSEGEGEEGD DGGETESRES YDAPPTPSGA RLIPDFPVAR SSSPGRKGS KRPAAAAAAG SASPRSWDEA EAQEEEEAVG DGDGDGDADA DGEDDPGHWD ADAEEAATAF GASGGGRPHP RALAAEEIRQ MLQGKPLADT MRPDTLQDYF GQSKAVGQDT LLRSLETNE IPSLILWGPP GCGKTTLAHI IASNSKKHSI RFVTLSATNA KTNDVRDVIK QAQNEKSFFK RKTILFIDEI HRFNKSQQDT FLPHVECGTI TLIGATTENP SFQVNAALLS RCRVIVLEKL PVEAMVTILM RAINSLGIHV LDSSRPTDPL SHSSNSSES AMFIEDKAVD TLAYLSDGDA RAGLNLQLA VLARLSSRKM FCKKSGQSYS PSRVLITEND VKEGLQRSHI LYDRAGEEHY NCISALHKSM RGSQDNASLY WLARMLEGG E DPLYVARRLV RFASEDIGLA DPSALTQAVA AYQGCHFIGM PECEVLLAQC VVYFARAPKS IEVYSAYNNV KACLRNHQGP LPPVPLHLRN APTRLMKDLG YGKGYKYNPM YSEPDQEYL PEELRGVDFF KQRRC Sequence without tag. The proposed Purification-Tag is based on experiences with

Product Details

the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

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.

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: WRNIP1

Alternative Name: WRNIP1 ([WRNIP1 Products](#))

Background: ATPase WRNIP1 (EC 3.6.1.-) (Werner helicase-interacting protein 1),FUNCTION: Functions as a modulator of initiation or reinitiation events during DNA polymerase delta-mediated DNA synthesis. In the presence of ATP, stimulation of DNA polymerase delta-mediated DNA synthesis is decreased. Also plays a role in the innate immune defense against viruses. Stabilizes the RIGI dsRNA interaction and promotes RIGI 'Lys-63'-linked polyubiquitination. In turn, RIGI transmits the signal through mitochondrial MAVS. {ECO:0000269|PubMed:15670210, ECO:0000269|PubMed:29053956}.

Molecular Weight: 72.1 kDa

Target Details

UniProt: [Q96S55](#)

Application Details

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.

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