

Datasheet for ABIN7556010
WDHD1 Protein (AA 1-1129) (His tag)



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Overview

Quantity:	1 mg
Target:	WDHD1
Protein Characteristics:	AA 1-1129
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WDHD1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WDHD1 Protein expressed in mammalian cells.
Sequence:	MPATRKPMRY GHTEGHTEVC FDDSGSFIVT CGSDGDVRIW EDLDDDDPKF INVGEKAYSC ALKSGKLVTA VSNNTIQVHT FPEGVPDIL TRFTTNANHV VFNGDGTKIA AGSSDFLVKI VDVMDSSQKQ TFRGHDAPVL SLSFDPKIDF LASASCDGSV RVWQISDQTC AISWPLLQKC NDVINAKSIC RLAWQPKSGK LLAIPVEKSV KLYRRESWSH QFDLSDNFIS QTLNIVTWSF CGQYLAAGSI NGLIIVWNVE TKDCMERVKH EKGYAICGLA WHPTCGRISY TDAEAGNLGLL ENVCDPSGKT SSSKVSSRVE KDYNLDFDGD DMSNAGDFLN DNAVEIPSF S KGIINDEDD EDLMMASGRP RQRSHILEDD ENSVDISMLK TGSSLLKEEE EDGQEGSIHN LPLVTSQRPF YDGPMPTPRQ KPFQSGSTPL HLTHRFMVWN SIGIIRCYND EQDNAIDVEF HDTSIHHATH LSNTLNITYIA DLSHEAILLA CESTDELASK LHCLHFSSWD SKEWIIDLQ QNEDIEAICL GQGWAAAATS ALLLRLFTIG GVQKEVFLA GPVSMAGHG EQLFIVYHRG TGFDDGQCLG VQLLELGKKK KQILHGDPLP LTRKSYLAWI GFSAEGTPCY VDSEGIVRML NRGLGNTWTP ICNTREHCKG KSDHYWVVG I HENPQQLRCI PCKGSRFPPT LPRPAVAILS FKLPHYCIAT

Product Details

EKGQMEEQFW RSVIFHNHLD YLAKNGYEYE ESTKNQATKE QQELLMKMLA LSCKLEREFR
CVELADLMTQ NAVNLAIKYA SRSRKLILAQ KLSELAVEKA AELTATQVEE EEEEEDFRKK
LNAGYSNTAT EWSQPRFRNQ VEEDAEDSGE ADDEEKPEIH KPGQNSFSKS TNSSDVSAKS
GAVTFSSQGR VNPFKVSASS KEPAMSMNSA RSTNILDNMG KSSKKSTALS RTTNNEKSPI
IKPLIPKPKP KQASAASYFQ KRNSQTNKTE EVKEENLKNV LSETPAICPP QNTENQRPKT
GFQMWLEENR SNILSDNPDF SDEADIIKEG MIRFRVLSTE ERKVVWANKAK GETASEGTEA
KKRKRVVDES DETENQEEKA KENLNLSKKQ KPLDFSTNQK LSAFAFKQE **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.

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: WDHD1

Alternative Name: WDHD1 ([WDHD1 Products](#))

Background: WD repeat and HMG-box DNA-binding protein 1 (Acidic nucleoplasmic DNA-binding protein 1)

Target Details

(And-1),FUNCTION: Core replisome component that acts as a replication initiation factor. Binds directly to the CMG complex and functions as a hub to recruit additional proteins to the replication fork. {ECO:0000269|PubMed:19805216, ECO:0000269|PubMed:34694004, ECO:0000269|PubMed:35585232}.

Molecular Weight: 126.0 kDa

UniProt: [O75717](#)

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