

Datasheet for ABIN7554806
NWD1 Protein (AA 1-1564) (His tag)



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Overview

Quantity:	1 mg
Target:	NWD1
Protein Characteristics:	AA 1-1564
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NWD1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NWD1 Protein expressed in mammalian cells.
Sequence:	<p>MQRGKPCRAL PTLKCQTFQCQ RHGLMFEVVD LRWGIRNIEA TDHLTTELCL EEVDRCWKTS IGPAFVALIG DQYGPCLIPS RIDEKEWEVL RDHLTARPSD LELVARYFQR DENAFPPTYV LQAPGTGEAC EPEEATLTSV LRSGAQEARR LGLITQEQWQ HYHRSVIEWE IERSLLSSED REQGATVFLR EIQLLHKHIL EDCALRMVDR LADGCLDADA QNLLSSLKSH ITDMHPGVLK THRLPWSRDL VNPKNKTHAC YLKELGEQFV VRANHQVLTR LRELDTAGQE LAWLYQEIRH HLWQSSEVIQ TFCGRQELLA RLQQLRHDD SKQHTPLVLF GPPGIGKTAL MCKLAEQMPR LLGHKTVTVL RLLGTSQMSS DARGLLKSIC FQVCLAYGLP LPPAQVLDAH TRVVQFFHTL LHTVSCRNFE SLVLLLDAMD DLDSVRHARR VPWLPLNCPV RVHLILSACS GALGVLDLTLQ RVLLDPEAYW EVKPLSGNQG QQMIQQLLAA ARRTLSPVHT DLLWASLPEC GNPGRRLRAF EEARKWASFT VPVPLATTAE EATHQLCTRL EQTHGQLLVA HVLGYIVSSR HGLSEAELKD VLSLDDEVLQ DVYRDWTPPS KELLRFPELL WVRLRRDLGY YLARRPVDGF TLLAIAHRQL VEVVRERYLS GSERAKRHGV LADFFSGTWS QGTKKLITLP LVGKPLNLDL KQVAPQPLWFS</p>

HTVANLRKLLK ELPYHLLHSG RLEELKQEV L GSMSWISCRG ISGGIEDLLD DFDLCAPHLD
SPEVGLVREA LQLCRPAVEL RGMERSLLYT ELLARLHFFA TSHPALVGQL CQQAQSWFQL
CAHPVLVPLG GFLQPPGGPL RATLSGCHKG ITAMAWGVVEE KLLVIGTQDG IMAVWDMEEQ
HVIHMLTGHT GEVRCVKIFA KGTLAN SASK DYTLHLWNLL SGQEKFTIWD GGSKNPAEPQ
IWNLHVDEAH KVVYSASGSK INAWNLETAE PVFHILGDAS DPWMCMAVLA SQATLLTVSR
DGVVSLWSSA TGKLQGKQHM SSIKEETPTC AVSVQKQGKL VTGFSNGSIS LVSSKGDRL
EKLPAVRFL VVSEDESLA AGFGRSVRIF LADSRGFRRF MAMDLEHEDM VETAVFGTEN
NLIITGSLDA LIQVWSLSEQ GTLLDILEGV GAPVSL LARG GALVASASPQ SSSFVWDL S
DAHRSRVPAP FLDRTGLTAV SHNGSYVYFP KIGDKNKVTI WDLAEGEEQD SLDTSS EIRC
LEVAEQRKLL FTGLVSGVVL VFPLNSRQDV ICIPPPEAR K AINCMSLSK EDRLAIAYDN
IVLVLDITSG DPCPVIDGPR YTFYTQLPET LSSVAILTDY RVVYSMTNGD LFLYECATSK
AFPLETHRSR VACVEVSHKE QLVVSGSEDA LLCLWDLQAR KWKFEMSYTS SYCRGVQCAC
FSKDDKYVYV GLKDRSILW SVLDGTL LTV QFVHAVVNRI IPTTSGFIAP TRHGYLIREN
FQCLSAKASP QDPLKNFKKA MWMVKSRQRE ELVAAAGAPQ DLESESAQGN ETKSNKCSQV CLIV

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)

Product Details

Grade: custom-made

Target Details

Target: NWD1

Alternative Name: NWD1 ([NWD1 Products](#))

Background: NACHT domain- and WD repeat-containing protein 1,FUNCTION: May play a role in the control of androgen receptor (AR) protein steady-state levels. {ECO:0000269|PubMed:24681825}.

Molecular Weight: 174.6 kDa

UniProt: [Q149M9](#)

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