

Datasheet for ABIN7555954
USP47 Protein (AA 1-1375) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	USP47
Protein Characteristics:	AA 1-1375
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This USP47 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat USP47 Protein expressed in mammalian cells.
Sequence:	MVPGEENQLV PKEDVFWRCR QNIFDEMKKK FLQIENAAEE PRVLCIIQDT TNSKTVNERI TLNLPASTPV RKLFDVANK VGYINGTFDL VWGNGINTAD MAPLDHTSDK SLLDANFEPG KKNFLHLTDK DGEQPILLE DSSAGEDSVH DRFIGPLPRE GSGGSTSDYV SQSYSYSSIL NKSETGYVGL VNQAMTCYLN SLLQTLFMTPEFRNALYKWE FEESEEDPVT SIPYQLQRLF VLLQTSKKRA IETTDVTRSF GWDSSEAWQQ HDVQELCRMV FDALEQKWKQ TEQADLINEL YQGKLDYVR CLECGYEGWR IDTYLDIPLV IRPYGSSQAF ASVEEALHAF IQPEILDGPN QYFCERCKKK CDARKGLRFL HFPYLLTLQL KRDFDYTTM HRIKLNDRMT FPEELDMSTF IDVEDEKSPQ TESCTDSGAE NEGSCSDQM SNDFSNDGVD EGICLETNS GTEKISKSGL EKNSLIYELF SVMVHSGSAA GGHYACIKS FSDEQWYSFN DQHVSRTQE DIKKTGGSS GSRGYSSAF ASSTNAYMLI YRLKDPARNA KFLEVDEYPE HIKNLVQKER ELEEQEKRQR EIERNTCKIK LFCLHPTKQV MMENKLEVHK DKTLKEAVEM AYKMMDL EEV IPLDCCRLVK

YDEFHDYLER SYEGEEDTPM GLLLGGVKST YMFDLLETR KPDQVFQSYK PGEVMVKVHV
VDLKAESVAA PITVRAYLNQ TVTEFKQLIS KAIHLPAETM RIVLERCYND LRLLSVSSKT
LKAEGFFRSN KVFVESSETL DYQMAFADSH LWKLLDRHAN TIRLFVLLPE QSPVSYSKRT
AYQKAGGDSG NVDDDCERVK GPVGSLSKVE AILEESTEKL KLSLQQQQD GDNGDSSKST
ETSDFENIES PLNERDSSAS VDNRELEQHI QTSDPENFQS EERSDSVNN DRSTSSVDSD
ILSSSHSDT LCNADNAQIP LANGLDHSI TSSRRTKANE GKKETWDTAE EDSGTDSEYD
ESGKSRGEMQ YMYFKAEPYA ADEGSGEGHK WLMVHVDKRI TLAAFKQHLE PFVGVLSHF
KVFRVYASNQ EFESVRLNET LSSFSDNKI TIRLGRALKK GEYRVKYYQL LVNEQEPCKF
LLDAVFAKGM TVRQSKEELI PQLREQGLE LSIDRFRLRK KTWKNPGTVF LDYHIYEEDI
NISSNWEVFL EVLDGVEKMK SMSQLAVLSR RWKPSEMKLD PFQEVVLESS SVDELREKLS
EISGIPLDDI EFAKGRGTFP CDISVLDIHQ DLDWNPKVST LNVWPLYICD DGAVIFYRDK
TEELMELTDE QRNELMKKES SRLQKTGHRV TYSRKEKAL KIYLDGAPNK DLTQD **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.

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, Western Blot

Grade: custom-made

Target Details

Target: USP47

Target Details

Alternative Name:	USP47 (USP47 Products)
Background:	Ubiquitin carboxyl-terminal hydrolase 47 (EC 3.4.19.12) (Deubiquitinating enzyme 47) (Ubiquitin thioesterase 47) (Ubiquitin-specific-processing protease 47),FUNCTION: Ubiquitin-specific protease that specifically deubiquitinates monoubiquitinated DNA polymerase beta (POLB), stabilizing POLB thereby playing a role in base-excision repair (BER). Acts as a regulator of cell growth and genome integrity. May also indirectly regulate CDC25A expression at a transcriptional level. {ECO:0000269 PubMed:19966869, ECO:0000269 PubMed:21362556}.
Molecular Weight:	157.3 kDa
UniProt:	Q96K76
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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