

Datasheet for ABIN7555924
USP42 Protein (AA 1-1324) (His tag)



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Overview

Quantity:	1 mg
Target:	USP42
Protein Characteristics:	AA 1-1324
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This USP42 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant USP42 Protein expressed in mammalian cells.
Sequence:	MTIVDKASES SDPSAYQNP GSSEAVSPGD MDAGSASWGA VSSLNDVSNH TSLGVPVPGA VYSSSSVPD KSKPSPQKQK ALGDGIAPPQ KVLFPSEKIC LKWQQTHRVG AGLQNLGNTC FANAALQCLT YTPPLANYML SHEHSTKCHA EGFCMMCTMQ AHITQALSNP GDVIKPMFVI NEMRRIARHF RFGNQEDAHE FLQYTV DAMQ KACLNGSNKL DRHTQATTLV CQIFGGYLRS RVKCLNCKGV SDTFDPYLDI TLEIKAAQSV NKALEQFVKP EQLDGENSYK CSKCKKMVPA SKRFTIHRSS NVLTLCLKRF ANFTGGKIAK DVKYPEYLDI RPYMSQPNGE PIVYVLYAVL VHTGFNCHAG HYFCYIKASN GLWYQMNSI VSTSDIRSVL SQQAYVLFYI RSHDVKNNGE LTHPTHSPGQ SSPRPVISQR VVTNKQAAPG FIGPQLPSHM IKNPPHLNGT GPLKDTPESS MSSPNGNSSV NRASPVNASA SVQNSVSNRS SVIPEHPKKQ KITISIHNLK PVRQCQSQPN LHSNSLENPT KPVSSTITN SAVQSTSNAS TMSVSSKVTK PIPRSESCSQ PVMNGKSKLN SSVLVPYGAE SSEDSDDESK GLGKENGIGT IVSSHSPGQD AEDEEATPHE LQEPMTLNGA NSADSDSDPK ENGLAPDGAS CQGQPALHSE NPFKANGLP GKLMPAPLLS LPEDKILETF

RLSNKLGST DEMSAPGAER GPPEDRDAEP QPGSPAESL EEPDAAAGLS STKKAPPPRD
PGTPATKEGA WEAMAVAPEE PPPSAGEDIV GDTAPPDLCD PGS�TGDASP LSQDAKGMIA
EGPRDSALAE APEGLSPAPP ARSEEPCEQP LLVHPSGDHA RDAQDPSQSL GAPEAAERPP
APVLDMAPAG HPEGDAEPSP GERVEDAAAP KAPGPSPAKE KIGSLRKVDR GHYRSRRERS
SSGEPARESR SKTEGHRHRR RRTCPRERDR QDRHAPEHHP GHGDRLSPGE RRSLGRCSHH
HSRHRSGVEL DWVRHHYTEG ERGWGREKFY PDRPRWDRCR YYHDRYALYA ARDWKPFHGG
REHERAGLHE RPHKDHNRGR RGCEPARERE RHRPSSPRAG APHALAPHPD RFSDRTALV
AGDNCNLSDR FHEHENGKSR KRRHDSVENS DSHVEKKARR SEQKDPLEEP KAKKHKKSKK
KKKSKDKHRD RDSRHQQDSD LSAACSDADL HRHKKKKKKK KRHSRKSEDF VKDSELHLPR
VTSLETVAQF RRAQGGFPLS GGPPLEGVGP FREKTKHLRM ESRDDRCRLF EYGQKRRYL ELGR

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:	USP42
Alternative Name:	USP42 (USP42 Products)
Background:	Ubiquitin carboxyl-terminal hydrolase 42 (EC 3.4.19.12) (Deubiquitinating enzyme 42) (Ubiquitin thioesterase 42) (Ubiquitin-specific-processing protease 42),FUNCTION: Deubiquitinating enzyme which may play an important role during spermatogenesis. {ECO:0000250}.
Molecular Weight:	145.4 kDa
UniProt:	Q9H9J4

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