

Datasheet for ABIN7555941  
**USP43 Protein (AA 1-1123) (His tag)**



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## Overview

Quantity:	1 mg
Target:	USP43
Protein Characteristics:	AA 1-1123
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This USP43 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant USP43 Protein expressed in mammalian cells.
Sequence:	MDLGPDAAG GGPLAPRRR RRSLRRLFSR FLLALGSRSR PGDSPRRPQP GHCDGDGEGG FACAPGPVPA APGSPGEERP PGPQQLQLP AGDGARPPGA QGLKNHGNTC FMNAVQCLS NTDLLAEFLA LGRYRAAPGR AEVTEQLAAL VRALWTREYT PQLSAEFKNA VSKYGSQFQG NSQHDALEFL LWLLDRVHED LEGSSRGPVS EKLPPEATKT SENCLSPSAQ LPLGQSFVQS HFQAQYRSSL TCPHCLKQSN TDFPFLCVSL PIPLRQTRFL SVTLVFPSKS QRFLRVGLAV PILSTVAALR KMVAEEGGVP ADEVILVELY PSGFQRSFFD EEDLNTIAEG DNVYAFQVPP SPSQGTLSAH PLGLSASPRL AAREGQRFSL SLHSESKVLI LFCNLVGSQ QASRFGPPFL IREDRAVSWA QLQQSILSKV RHLMKSEAPV QNLGSLFSIR VVGLSVACSY LSPKDSRPLC HWAVDRVLHL RRPGGPPHVK LAVEWDSSVK ERLFGSLQEE RAQDADSVWQ QQQAHQHSC TLDECFQFYT KEEQLAQDDA WKCPHCQVLQ QGMVKLSLWT LPDILIIHLK RFCQVGERRN KLSTLVKFPL SGLNMAPHVA QRSTSPEAGL GPWPSWKQPD CLPTSYPDF LYDLYAVCNH HGNLQGGHYT AYCRNSLDGQ WYSYDDSTVE PLREDEVNTR GAYILFYQKR NSIPPWSASS

## Product Details

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SMRGSTSSSL SDHWLLRLGS HAGSTRGSLI SWSSAPCPSL PQVPDPIFT NSLCNQEKGG  
LEPRRLVRGV KGRSISMKAP TTSRAKQGPF KTmplRWSFG SKEKPPGASV ELVEYLESRR  
RPRSTSQSIV SLLTGTAGED EKSASPRSNV ALPANSEDGG RAIERGPAGV PCPSAQPNHC  
LAPGNSDGPN TARKLKENAG QDIKLPRKFD LPLTMPSVE HEKPARPEGQ KAMNWKESFQ  
MGSKSSPPSP YMGFSGNSKD SRRGTSELDR PLQGTLLLR SVFRKKENRR NERAEVSPQV  
PPVSLVSGGL SPAMDGQAPG SPPALRIPEG LARGLGSRLE RDVWSAPSSL RLPRKASRAP  
RGSALGMSQR TVPGEQASYG TFQRVKYHTL SLGRKKTLPE SSF **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

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**Target:** USP43

**Alternative Name:** USP43 ([USP43 Products](#))

**Background:** Ubiquitin carboxyl-terminal hydrolase 43 (EC 3.4.19.12) (Deubiquitinating enzyme 43) (Ubiquitin

## Target Details

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thioesterase 43) (Ubiquitin-specific-processing protease 43),FUNCTION: May recognize and hydrolyze the peptide bond at the C-terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins (By similarity). {ECO:0000250}.

Molecular Weight: 122.8 kDa

UniProt: [Q70EL4](#)

## Application Details

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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

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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