

Datasheet for ABIN7544920
USP3 Protein (AA 1-520) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	USP3
Protein Characteristics:	AA 1-520
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This USP3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat USP3 Protein expressed in mammalian cells.
Sequence:	<p>MECPHLSSSV CIAPDSAKFP NGSPSSWCCS VCRSNKSPWV CLTCSSVHCG RYVNGHAKKH YEDAQVPLTN HKKSEKQDKV QHTVCMDCSS YSTYCYRCDD FVVDNKLGL VQKVREHLQN LENSAFTADR HKKRKLLENL TLNSKLLKVN GSTTAICATG LRNLGNTCFM NAILQSLNSI EQFCCYFKEL PAVELRNGKT AGRRTYHTRS QGDNNVSLVE EFRKTLCALW QGSQTAFSPE SLFYVVKIM PNFRGYQQD AHEFMRYLLD HLHLELQGGF NGVRSAILQ ENSTLSASNK CCINGASTVV TAIFGGILQN EVNCLICGTE SRKFDPFLDL SLDIPSQFRS KRSKNQENGP VCSLRDCLRS FTDLEELDET ELYMCHKCKK KQKSTKKFWI QKLPKVLCLH LKRFHWTAYL RNKVDTYVEF PLRGLDMKCY LLEPENSGPE SCLYDLAAVV VHHGSGVGSV HYTAYATHEG RWFHFNDSTV TLTDEETVVK AKAYILFYVE HQAKAGSDKL 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</p>

Product Details

request, please contact us.

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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).
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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
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Grade:	custom-made
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Target Details

Target:	USP3
Alternative Name:	USP3 (USP3 Products)
Background:	Ubiquitin carboxyl-terminal hydrolase 3 (EC 3.4.19.12) (Deubiquitinating enzyme 3) (Ubiquitin thioesterase 3) (Ubiquitin-specific-processing protease 3),FUNCTION: Hydrolase that deubiquitinates monoubiquitinated target proteins such as histone H2A and H2B. Required for proper progression through S phase and subsequent mitotic entry. May regulate the DNA damage response (DDR) checkpoint through deubiquitination of H2A at DNA damage sites. Associates with the chromatin. {ECO:0000269 PubMed:17980597}.
Molecular Weight:	58.9 kDa
UniProt:	Q9Y614

Application Details

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

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