

Datasheet for ABIN7555951
USP31 Protein (AA 1-1352) (His tag)



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Overview

Quantity:	1 mg
Target:	USP31
Protein Characteristics:	AA 1-1352
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This USP31 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant USP31 Protein expressed in mammalian cells.
Sequence:	<p>MSKVTAPGSG PPAAASGKEK RSFSKRLFRS GRAGGGGAGG PGASGPAAPS SPSSPSSARS VGSFMSRVLK TLSTLSHLSS EGAAPDRGGL RSCFPPGPAA APTPPPCPPP PASPAPPACA AEPVPGVAGL RNHGNTCFMN ATLQCLSNT E LFAEYLALGQ YRAGRPEPSP DPEQPAGRGA QGQGEVTEQL AHLVRALWTL EYTPQHSRDF KTIVSKNALQ YRGNSQHDAQ EFWLLWLLDRV HEDLNHSVKQ SGQPPLKPPS ETDMMPEGPS FPVCSTFVQE LFQAQYRSSL TCPHCQKQSN TFDPFLCISL PIPLPHTRPL YVTVVYQGKC SHCMRIGVAV PLSGTVARLR EAVSMETKIP TDQIVLTEM Y YDGFHRSFCD TDDLETVHES DCIFAFETPE IFRPEGILSQ RGIHLNNNLN HLKFGLDYHR LSSPTQTA AK QGKMSPTS R AGSDKIVLLV CNRACTGQQG KRFGLPFVLH LEKTIAWDLL QKEILEKMKY FLRPTVCIQV CPFSLRVVSV VGITYLLPQE EQPLCHPIVE RALKSCGPGG TAHVKLVVEW DKETRDFLFV NTEDEYIPDA ESVRLQRERH HQPQTCTLSQ CFQLYTKEER LAPDDAWRCP HCKQLQQGSI TSLWTLPDV LIIHLKRFRQ EGDRRMKLQN MVKFPLTGLD MTPHVVKRSQ SSWSLPSHWS PWRRPYGLGR DPEDIYDLY AVCNHHGTMQ</p>

GGHYTAYCKN SVDGLWYCFD DSDVQQLSED EVCTQTAYIL FYQRRTAIPS WSANSSVAGS
TSSSLCEHWV SRLPGSKPAS VTSAASSRRT SLASLSESVE MTGERSEDDG GFSTRPFVRS
VQRQSLSSRS SVTSPLAVNE NCMRPSWSLS AKLQMRSNSP SRFSGDSPH SSASTLEKIG
EAADDKVSIS CFGSLRNLSS SYQEPSDSHS RREHKAVGRA PLAVMEGVFK DESDTRRLNS
SVVDTQSKHS AQGDRLPPLS GPFDNQIA YVDQSDSVDS SPVKEVKAPS HPGSLAKKPE
STTKRSPSSK GTSEPEKSLR KGRPALASQE SLSSTSPSS PLPVKVS LKP SRSRSKADSS
SRGSGRHSSP APAQPKKES PKSQDSVSSP SPQKQKSASA LTYTASSTSA KKASGPATRS
PFPKGSRTS DHLSREGSR QSLGSDRASA TSTSKPNSPR VSQARAGEGR GAGKHVRSSS
MASLRPSTS IKGLKRDSK SEDKGLSFFK SALRQKETRR STDLGKTALL SKKAGGSSVK
SVCKNTGDDE AERGHQPPAS QQPANATTGK EQLVTKDPAS AKHLLSARK SKSSQLDSGV
PSSPGGRQSA EKSSKLLSS MQTSARPSQK PQ

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:	USP31
Alternative Name:	USP31 (USP31 Products)
Background:	Ubiquitin carboxyl-terminal hydrolase 31 (EC 3.4.19.12) (Deubiquitinating enzyme 31) (Ubiquitin thioesterase 31) (Ubiquitin-specific-processing protease 31),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:	146.7 kDa
UniProt:	Q70CQ4

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