

Datasheet for ABIN7555874

## USP17L2 Protein (AA 1-530) (His tag)



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### Overview

Quantity:	1 mg
Target:	USP17L2
Protein Characteristics:	AA 1-530
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This USP17L2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat USP17L2 Protein expressed in mammalian cells.
Sequence:	<p>MEDDSLYLGG EWQFNHFSKL TSSRPDAFA EIQRTSLPEK SPLSSEARVD LCDDLAPVAR</p> <p>QLAPRKKLPL SSRPAAVGA GLQNMGNTCY ENASLQCLTY TPPLANMYS REHSQTCQRP</p> <p>KCCMLCTMQA HITWALHSPG HVIQPSQALA AGFHRGKQED AHEFLMFTVD AMKKACLPGH</p> <p>KQVDHHSKDT TLIHQIFGGC WRSQIKCLHC HGISDTFDPY LDIALDIQAA QSVKQALEQL</p> <p>VKPEELNGEN AYHCGLCCLQR APASKTLTLH TSAKVLILVL KRFSQVTGNK LAKNVQYPEC</p> <p>LDMQPYMSQQ NTGPLYVYLY AVLHAGWSC HDGHYFSYVK AQEGQWYKMD DAKVTACSIT</p> <p>SVLSQQAYVL FYIQSEWER HSESVSRGRE PRALGAEDTD RRATQGELKR DHPCLQAPEL</p> <p>DERLVERATQ ESTLDHWKFP QEQNKTKEF NVRKVEGTL PNLVIHQSK YKCGMKNHHP</p> <p>EQQSSLLNLS STTRTDQESV NTGTLASLQG RTRRSKGKNK HSKRALLVCQ <b>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</b></p>

### 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

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#### Target:

USP17L2

#### Alternative Name:

USP17L2 ([USP17L2 Products](#))

#### Background:

Ubiquitin carboxyl-terminal hydrolase 17 (USP17) (EC 3.4.19.12) (Deubiquitinating enzyme 17-like protein 2) (Deubiquitinating protein 3) (DUB-3) (Ubiquitin carboxyl-terminal hydrolase 17-like protein 2) (Ubiquitin thioesterase 17-like protein 2) (Ubiquitin-specific-processing protease 17-like protein 2),FUNCTION: Deubiquitinating enzyme that removes conjugated ubiquitin from specific proteins to regulate different cellular processes. Regulates cell proliferation by deubiquitinating and inhibiting RCE1 thereby controlling the small GTPases NRAS and HRAS localization and activation. In parallel, mediates deubiquitination of CDC25A, preventing CDC25A degradation by the proteasome during the G1/S and G2/M phases promoting cell-cycle progression. Also regulates cell proliferation and apoptosis through deubiquitination of SUDS3 a regulator of histone deacetylation. Through activation of the Rho family GTPases RAC1A, CDC42 and RHOA, regulates cell migration. Through the cleavage of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains of the cytoplasmic innate immune receptors RIGI and IFIH1

## Target Details

	stimulates the cellular response to viral infection. {ECO:0000269 PubMed:14699124, ECO:0000269 PubMed:17109758, ECO:0000269 PubMed:19188362, ECO:0000269 PubMed:20147298, ECO:0000269 PubMed:20228808, ECO:0000269 PubMed:20368735, ECO:0000269 PubMed:20388806, ECO:0000269 PubMed:21239494, ECO:0000269 PubMed:21448158}.
Molecular Weight:	59.6 kDa
UniProt:	<a href="#">Q6R6M4</a>

## 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