

Datasheet for ABIN7544967  
**USP29 Protein (AA 1-922) (His tag)**



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## Overview

Quantity:	1 mg
Target:	USP29
Protein Characteristics:	AA 1-922
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This USP29 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant USP29 Protein expressed in mammalian cells.
Sequence:	MISLKVCGFI QIWSQKTGMT KLKEALIETV QRQKEIKLV TFKSGKFIRI FQLSNNIRSV VLRHCKKRQS HLRLTLKNNV FLFIDKLSYR DAKQLNMFLD IIHQNKSQQP MKSDDDWSVF ESRNLKEID KTSFYICNK PSYQKMPLFM SKSPTHVKKG ILENQGKGQ NTLSSDVQTN EDILKEDNPV PNKKYKTDLS KYIQSNRKNP SSLEDLEKDR DLKLGPSFNT NCONGNPNLDE TVLATQTLNA KNGLTSPLEP EHSQGDPRCN KAQVPLDSHS QQLQQGFNPL GNTCYMNAVL QSLFAIPSFA DDLTQGV PW EYIPFEALIM TLTQLLAL KD FCSTKIKREL LGNVKKVISA VAEIFSGNMQ NDAHEFLGQC LDQLKEDMEK LNATLNTGKE CGDENSSPQM HVGSAATKVF VCPVWANFEF ELQLSLICKA CGHAVLKVEP NNYLSINLHQ ETKPLPLSIQ NSLDLFFKEE ELEYNCQMCK QKSCVARHTF SRLSRVLIH LKRYSFNNAW LLVKNNEQVY IPKLSLSLSSY CNESTKPLPL LSSSAPVGKC EVLEVSQEMI SEINSPLTPS MKLTSESSDS LVLPEPDKN ADLQRFQRDC GDASQEQHQR DLENGSALES ELVHFRDRAI GEKELPVADS LMDQGDISLP VMYEDGGKLI SSPDTRLVEV HLQEV PQHPE LQKYEKTNTF VEFNFDSVTE STNGFYDCKE

## Product Details

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NRPEGSQGM AEQLQQCIEE SIIDEFLQQA PPPGVRKLDA QEHEETLNQ STELRLQKAD  
LNHLGALGSD NPGNKNILDA ENTRGEAKEL TRNVKMGDPL QAYRLISVVS HIGSSPNSGH  
YISDVYDFQK QAWFTYNDLC VSEISETKMV EARLHSGYIF FYMHNGIFEE LLRKAENSRL  
PSTQAGVIPQ GEYEGDSLVR PA **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: USP29

Alternative Name: USP29 ([USP29 Products](#))

Background: Ubiquitin carboxyl-terminal hydrolase 29 (EC 3.4.19.12) (Deubiquitinating enzyme 29) (Ubiquitin thioesterase 29) (Ubiquitin-specific-processing protease 29),FUNCTION: Deubiquitinase involved in innate antiviral immunity by mediating 'Lys-48'-linked deubiquitination of CGAS, thereby promoting its stabilization. {ECO:0000269|PubMed:32457395}.

## Target Details

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Molecular Weight: 104.2 kDa

UniProt: [Q9HBJ7](#)

## 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