

Datasheet for ABIN7555940
USP26 Protein (AA 1-913) (His tag)



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Overview

Quantity:	1 mg
Target:	USP26
Protein Characteristics:	AA 1-913
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This USP26 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant USP26 Protein expressed in mammalian cells.
Sequence:	MAALFLRGFV QIGNCKTGIS KSKEAFIEAV ERKKKDRLLVLFYKSGKYSTF RLSDNIQNVV LKS YRGNQNH LHLTLQNNNG LFIEGLSSTD AEQLKIFLDR VHQNEVQPPV RPKGGGSVFS STTQKEINKT SFHKVDEKSS SKSFEIAKGS GTGVLQRMPL LTSKLTLCG ELSNQHKKR KRMLSSSSEM NEEFLKENNS VEYKSKADC SRCVSYNREK QLKLELEEN KKLECESSCI MNATGNPYLD DIGLLQALTE KMVLVFLQY GYSDGYTKWD KKLKFFELFP EKICHGLPNL GNTCYMNAVL QSLLSIPSFA DDLLNQSPFW GKIPLNATM CLARLLFFKD TYNIEIKEML LLNLKKAISA AAEIFHGNAQ NDAHEFLAHC LDQLKDNMEK LNTIWKPKSE FGEDNFPKQV FADDPDTS GF SCPVITNFEL ELLHSIACKA CGQVILKTEL NNYLSINLPQ RIKAHPSSIQ STFDLFFGAE ELEYKCAKCE HKTSVGVHSF SRLPRILIVH LKRYSLNEFC ALKKNQDEVI ISKYLKVSSH CNEGTRPPLP LSEGEITDF QLLKVIRKMT SGNISVSWPA TKESKDILAP HIGSDKESEQ KKGQTVFKGA SRRQQQKYLK GNSKPNELES VYSGDRAFIE KEPLAHLMTY LEDTSLCQFH KAGGKPASSP GTPLSKVDFQ TVPENPKRKK YVKTSKFVAF DRIINPTKDL

Product Details

YEDKNIRIPE RFQKVSEQTQ QCDGMRICEQ APQQALPQSF PKPGTQGHTK NLLRPTKLNL
QKSNRNSSLLA LGSNKNPRNK DILDKIKSKA KETKRNDKDG DHTYRLISVV SHLGKTLKSG
HYICDAYDFE KQIWFTYDDM RVLGIQEAQM QEDRRCTGYI FFYMHNEIFE EMLKREENAQ
LNSKEVEETL QKE **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: USP26

Alternative Name: USP26 ([USP26 Products](#))

Background: Ubiquitin carboxyl-terminal hydrolase 26 (EC 3.4.19.12) (Deubiquitinating enzyme 26) (Ubiquitin thioesterase 26) (Ubiquitin-specific-processing protease 26),FUNCTION: Deubiquitinase regulating several biological processes through the deubiquitination of components of these processes (PubMed:28839133, PubMed:20501646). Involved in somatic cell reprogramming through the 'Lys-48'-linked deubiquitination and stabilization of CBX4 and CBX6, two

Target Details

components of the polycomb-repressive complex 1 (PRC1) (PubMed:28839133). Also deubiquitinates and probably stabilizes the androgen receptor (AR), regulating the androgen receptor signaling pathway (PubMed:20501646). May play a role in spermatogenesis (PubMed:34202084). {ECO:0000269|PubMed:20501646, ECO:0000269|PubMed:28839133, ECO:0000269|PubMed:34202084}.

Molecular Weight: 104.0 kDa

UniProt: [Q9BXU7](#)

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