

Datasheet for ABIN7544968  
**UFSP2 Protein (AA 1-469) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	UFSP2 (C4orf20)
Protein Characteristics:	AA 1-469
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UFSP2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant UFSP2 Protein expressed in mammalian cells.
Sequence:	MVISESMDIL FRIRGGLDLA FQLATPNEIF LKKALKHVLS DLSTKLSSNA LVFRICHSSV YIWPSSDINT IPGELTDASA CKNILRFIQF EPEEDIKRKF MRKKDKKLS D MHQIVNIDLM LEMSTSLAAV TPIIERESGG HHYVNMTLPV DAVISVAPEE TWGKVRKLLV DAIHNQLTDM EKCILKYMKG TSIVVPEPLH FLLPGKKNLV TISYPSGIPD GQLQAYRKEL HDLFLNPHDR PYFKRSNAYH FPDEPYKDG Y IRNPHTYLNP PNMETGMIYV VQGIYGYHHY MQDRIDDNGW GCAYRSLQTI CSWFKHQGYT ERSIPHTREI QQALVDAGDK PATFVGSRQW IGSIEVQLVL NQLIGITSKI LFVSQGSEIA SQGRELANHF QSEGTPVMIG GGVL AHTILG VAWNEITGQI KFLILDPHYT GAEDLQVILE KGWCGWKGP D FWNKDAYYNL CLPQRPNMI <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 special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

---

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:

UFSP2 (C4orf20)

### Alternative Name:

UFSP2 ([C4orf20 Products](#))

### Background:

Ufm1-specific protease 2 (UfSP2) (EC 3.4.22.-),FUNCTION: Thiol-dependent isopeptidase that recognizes and hydrolyzes the peptide bond at the C-terminal Gly of UFM1, a ubiquitin-like modifier protein bound to a number of target proteins (PubMed:25219498, PubMed:32160526). Does not hydrolyze SUMO1 or ISG15 ubiquitin-like proteins (PubMed:25219498). Through TRIP4 deufmylation may regulate intracellular nuclear receptors transactivation and thereby regulate cell proliferation and differentiation (PubMed:25219498).  
{ECO:0000269|PubMed:25219498, ECO:0000269|PubMed:32160526, ECO:0000269|PubMed:33473208}.

### Molecular Weight:

53.3 kDa

### UniProt:

[Q9NUQ7](#)

## 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

---