

Datasheet for ABIN7551472
RNF26 Protein (AA 1-433) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RNF26
Protein Characteristics:	AA 1-433
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNF26 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RNF26 Protein expressed in mammalian cells.
Sequence:	MEAVYLVVNG LGLVLDVLT LLDLNFLLVS SLLASLAWLL AFVYNLPHTV LTSLLHLGRG VLLSLLALIE AVVRFTCGGL QALCTLLYSC CSGLESLKLL GHLASHGALR SREILHRGVL NVVSSGHALL RQACDICAIA MSLVAYVINS LVNICLIGTQ NLFSVLALW DAVTGPLWRM TDVVAFLAH ISSAVAMAI LLWTPCQLAL ELLASAARLL ASFVLVNLTG LVLLACVLAV TVTVLHPDFT LRLATQALSQ LHARPSYHRL REDVMRLSRL ALGSEAWRRV WSRSLQLASW PNRGGAPGAP QGDPMRVFSV RTRRQDTLPE AGRRSEAE EARTIRVTPV RGRERLNEEE PPGGQDPWKL LKEQEERKVC VICQDQSKTV LLLPCRHLCL CQACTEILMR HPVYHRNCPL CRRGILQTLN VYL 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.

Product Details

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:

RNF26

Alternative Name:

RNF26 ([RNF26 Products](#))

Background:

E3 ubiquitin-protein ligase RNF26 (EC 2.3.2.27) (RING finger protein 26),FUNCTION: E3 ubiquitin-protein ligase that plays a key role in endosome organization by retaining vesicles in the perinuclear cloud (PubMed:27368102). Acts as a platform for perinuclear positioning of the endosomal system by mediating ubiquitination of SQSTM1 through interaction with the ubiquitin conjugating enzyme UBE2J1 (PubMed:27368102, PubMed:33472082). Ubiquitinated SQSTM1 attracts specific vesicle-associated adapters, forming a molecular bridge that restrains cognate vesicles in the perinuclear region and organizes the endosomal pathway for efficient cargo transport (PubMed:27368102, PubMed:33472082). Also acts as a regulator of type I interferon production in response to viral infection by mediating the formation of 'Lys-11'-linked polyubiquitin chains on TMEM173/STING, leading to stabilize TMEM173/STING (PubMed:25254379, PubMed:32614325). Also required to limit type I interferon response by promoting autophagic degradation of IRF3 (PubMed:25254379).

{ECO:0000269|PubMed:25254379, ECO:0000269|PubMed:27368102,

Target Details

ECO:0000269|PubMed:32614325, ECO:0000269|PubMed:33472082}.

Molecular Weight: 47.7 kDa

UniProt: [Q9BY78](#)

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
