

Datasheet for ABIN7551510
RNF25 Protein (AA 1-459) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RNF25
Protein Characteristics:	AA 1-459
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNF25 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RNF25 Protein expressed in mammalian cells.
Sequence:	MAASASAAAG EEDWVLPSEV EVLESIYLDE LQVIKNGRT SPWEIYITLH PATAEDQDSQ YVCFTLVLQV PAEYPHEVPQ ISIRNPRGLS DEQIHTILQV LGHVAKAGLG TAMLYELIEK GKEILTDNNI PHGQCVICLY GFQEKEAFTK TPCYHYFHCH CLARYIQHME QELKAQGQEQ EQERQHATTK QKAVGVQCPV CREPLVYDLA SLKAAPEPQQ PMELYQPSAE SLRQQEERKR LYQRQQERGG IIDLEAERNR YFISLQPPA PAEPESAVDV SKGSQPPSTL AELSTSPAV QSTLPPPLPV ATQHICEKIP GTRSNQQLRG ETQKAMLDPK KPSRGPWRQP ERRHPKGGEC HAPKGRDTRDQ ELPPPEGPLK EPMDLKPEPH SQGVEGPPQE KGPGSWGPP PRRTRDCVRW ERSKGRTPGS SYPRLPRGQG AYRPGTRRES LGLESKDGS 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

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:

RNF25

Alternative Name:

RNF25 ([RNF25 Products](#))

Background:

E3 ubiquitin-protein ligase RNF25 (EC 2.3.2.27) (RING finger protein 25) (RING finger protein A07),FUNCTION: E3 ubiquitin-protein ligase that plays a key role in the RNF14-RNF25 translation quality control pathway, a pathway that takes place when a ribosome has stalled during translation, and which promotes ubiquitination and degradation of translation factors on stalled ribosomes (PubMed:36638793, PubMed:37651229, PubMed:37951216). Catalyzes ubiquitination of RPS27A in response to ribosome collisions, promoting activation of RNF14 (PubMed:36638793). RNF25 catalyzes ubiquitination of other ribosomal proteins on stalled ribosomes, such as RPL0, RPL1, RPL12, RPS13 and RPS17 (PubMed:36638793). Also involved in ubiquitination and degradation of stalled ETF1/eRF1 (PubMed:36638793, PubMed:37651229). Independently of its function in the response to stalled ribosomes, mediates ubiquitination and subsequent proteasomal degradation of NKD2 (By similarity). May also stimulate transcription mediated by NF-kappa-B via its interaction with RELA/p65

Target Details

(PubMed:12748188). {ECO:0000250|UniProtKB:Q9QZR0, ECO:0000269|PubMed:12748188, ECO:0000269|PubMed:36638793, ECO:0000269|PubMed:37651229, ECO:0000269|PubMed:37951216}.

Molecular Weight: 51.2 kDa

UniProt: [Q96BH1](#)

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