

Datasheet for ABIN7551508
RNF220 Protein (AA 1-566) (His tag)



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Overview

Quantity:	1 mg
Target:	RNF220
Protein Characteristics:	AA 1-566
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNF220 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat RNF220 Protein expressed in mammalien cells.
Sequence:	MDLHRAAFKM ENSSYLPNPL ASPALMVLAS TAEASRDASI PCQQPRPFGV PVSVDKDVHI PFTNGSYTFA SMYHRQGGVP GTFANRDFPP SLLHLHPQFA PPNLDCPTIS MLNHSGVGAF RPFATEDRE SYQSAFTPAK RLKNCHDTES PHLRFSDADG KEYDFGTQLP SSSPGSLKVD DTGKKIFAVS GLISDREASS SPEDRNDRCK KAAAALFDSQ APICPICQVL LRPSELQEHM EQELEQLAQL PSSKNSLLKD AMAPGTPKSL LLSASIKREG ESPTASPHSS ATDDLHHS DR YQTFLRVRAN RQTRLNARIG KMKRRKQDEG QREGSCMAED DAVDIEHENN NRFEEYEWCG QKRIRATLL EGGFRGSGFI MCGSKENPDS DADLDVDGDD TLEYGKPQYT EADVIPCTGE EPGEAKERIA LRGA VLNGGP PSTRITPEFS KWASDEMPST SNGESSKQEA MQKTCKNSDI EKITEDSAVT TFEALKARVR ELERQLSRGD RYKCLICMDS YSMPLTSIQC WHVHCEE CWL RTLGA KKLCP QCNTITAPGD LRR IYL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein

Product Details

could make another tag necessary. In case you have a special request, please contact us.

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, Western Blot

Grade:

custom-made

Target Details

Target:

RNF220

Alternative Name:

RNF220 ([RNF220 Products](#))

Background:

E3 ubiquitin-protein ligase RNF220 (EC 2.3.2.27) (RING finger protein 220) (RING-type E3 ubiquitin transferase RNF220),FUNCTION: E3 ubiquitin-protein ligase that promotes the ubiquitination and proteasomal degradation of SIN3B (By similarity). Independently of its E3 ligase activity, acts as a CTNNB1 stabilizer through USP7-mediated deubiquitination of CTNNB1 promoting Wnt signaling (PubMed:25266658, PubMed:33964137). Plays a critical role in the regulation of nuclear lamina (PubMed:33964137). {ECO:0000250|UniProtKB:Q6PDX6, ECO:0000269|PubMed:25266658, ECO:0000269|PubMed:33964137}.

Molecular Weight:

62.8 kDa

UniProt:

[Q5VTB9](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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
