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Datasheet for ABIN7551247

RNF144B Protein (AA 1-303) (His tag)

Overview

Quantity:	1 mg
Target:	RNF144B
Protein Characteristics:	AA 1-303
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNF144B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RNF144B Protein expressed in mammalian cells.
Sequence:	MGSAGRLHYL AMTAENPTPG DLAPAPLITC KLCLCEQSLD KMTTLQECQC IFCTACKLQY MQLAIREGCG SPITCPDMVC LNHGTLQEAE IACLVPVDQF QLYQRLKFER EVHLDPYRTW CPVADCQTV C PVASSDPGQP VLVECP SCHL KFCSCCKDAW HAEVSCRDSQ PIVLPTEHRA LFGTDAEAPI KQCPVCRVYI ERNEGCAQMM CKNCKHTFCW YCLQNLNDI FLRH YDKGPC RNKLGHSRAS VMWNRTQVVG ILVGLGIIAL VTSPLLLLAS PCIICCVCKS CRGKKKKHDP STT 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:

Product Details

- 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:	RNF144B
Alternative Name:	RNF144B (RNF144B Products)
Background:	E3 ubiquitin-protein ligase RNF144B (EC 2.3.2.31) (IBR domain-containing protein 2) (RING finger protein 144B) (p53-inducible RING finger protein),FUNCTION: E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates such as LCMT2, thereby promoting their degradation. Induces apoptosis via a p53/TP53-dependent but caspase-independent mechanism. However, its overexpression also produces a decrease of the ubiquitin-dependent stability of BAX, a pro-apoptotic protein, ultimately leading to protection of cell death, But, it is not an anti-apoptotic protein per se. {ECO:0000269 PubMed:12853982, ECO:0000269 PubMed:20300062}.
Molecular Weight:	33.7 kDa
UniProt:	Q7Z419

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
