

Datasheet for ABIN7564173
RFFL Protein (AA 1-377) (His tag)



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Overview

Quantity:	1 mg
Target:	RFFL
Protein Characteristics:	AA 1-377
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RFFL protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rffl Protein expressed in mammalian cells.
Sequence:	<p>MSQPSLWKDS HYFIMWASCC NWFCLDGQPE EAPPPQGART QAYSNPGYSS FPSPTGSEPS</p> <p>CKACGVHFAS TTRKQTCLDC KKNFCMTCSS QEGNGPRLCL LCLRFRATAF QREELMKMKV</p> <p>KDLRDYLSLH DISTEMCREK EELVFLVLGQ QPWISEADRT RVPHLPQAFP EQQAFLTQPQ</p> <p>TSTVPPTSPG LPSSPAQVTS VPLAQDQETQ QAVGHVSQDH EEPIFPESTA RVPTEDETQS</p> <p>VDSEDSFVPG RRASLSDLTH LEDIEGLTVR QLKEILARNF VNYKGCCEKW ELMERVTRLV</p> <p>KDQKGLQHLV SGNEQNGGA VPSGLEENLC KICMDSPIDC VLLECGHMTV CTKCGKRMNE</p> <p>CPICRQYVIR AVHVFRS 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.</p>
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:	RFFL
Alternative Name:	Rffl (RFFL Products)
Background:	<p>E3 ubiquitin-protein ligase rififylin (EC 2.3.2.27) (RING finger and FYVE-like domain-containing protein 1) (Fring) (RING-type E3 ubiquitin transferase rififylin),FUNCTION: E3 ubiquitin-protein ligase that regulates several biological processes through the ubiquitin-mediated proteasomal degradation of various target proteins. Mediates 'Lys-48'-linked polyubiquitination of PRR5L and its subsequent proteasomal degradation thereby indirectly regulating cell migration through the mTORC2 complex. Also ubiquitinates the caspases CASP8 and CASP10, promoting their proteasomal degradation, to negatively regulate apoptosis downstream of death domain receptors. Also negatively regulates the tumor necrosis factor-mediated signaling pathway through targeting of RIPK1 to ubiquitin-mediated proteasomal degradation. Negatively regulates p53/TP53 through its direct ubiquitination and targeting to proteasomal degradation. Indirectly, may also negatively regulate p53/TP53 through ubiquitination and degradation of SFN. May also play a role in endocytic recycling. {ECO:0000269 PubMed:15229288, ECO:0000269 PubMed:22609986}.</p>
Molecular Weight:	42.2 kDa

Target Details

UniProt: [Q6ZQM0](#)

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