

Datasheet for ABIN7547600
C1orf86 Protein (AA 1-180) (His tag)



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Overview

Quantity:	1 mg
Target:	C1orf86 (C1ORF86)
Protein Characteristics:	AA 1-180
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C1orf86 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FAAP20 Protein expressed in mammalian cells.
Sequence:	MEAARRPRLG LSRRRPRPAG GPSGGRPWFLLGGDERERLW AELLRTVSPE LILDHEVPSL PAFPGQEPRC GPEPTEVFVTV GPKTFSWTPF PPDLWGPGRS YRLLHGAGGH LESPASLPPQ RPAPDPCRAP RVEQQPSVEG AAALRSCPMC QKEFAPRLTQ LDVDSHLAQC LAESTEDVTW 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: <ul style="list-style-type: none">• 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

Product Details

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)
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Grade:	custom-made
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Target Details

Target:	C1orf86 (C1ORF86)
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Alternative Name:	FAAP20 (C1ORF86 Products)
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Background:	Fanconi anemia core complex-associated protein 20 (FANCA-associated protein of 20 kDa) (Fanconi anemia-associated protein of 20 kDa),FUNCTION: Component of the Fanconi anemia (FA) complex required to recruit the FA complex to DNA interstrand cross-links (ICLs) and promote ICLs repair. Following DNA damage recognizes and binds 'Lys-63'-linked ubiquitin generated by RNF8 at ICLs and recruits other components of the FA complex. Promotes translesion synthesis via interaction with REV1. {ECO:0000269 PubMed:22266823, ECO:0000269 PubMed:22343915, ECO:0000269 PubMed:22396592, ECO:0000269 PubMed:22705371}.
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Molecular Weight:	19.9 kDa
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UniProt:	Q6NZ36
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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.
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Restrictions:	For Research Use only
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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