

[Go to Product page](#)

Datasheet for ABIN7559893

FAM134B Protein (AA 1-480) (His tag)

Overview

Quantity:	1 mg
Target:	FAM134B
Protein Characteristics:	AA 1-480
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM134B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Retreg1 Protein expressed in mammalian cells.
Sequence:	<p>MASPAPEEHA TQGCPATEEQ PPRPGVPGEE AGPEGAGPQV EEAAGRVAAL LTWLLGEPVL WLGWRADELL SWKRPLRSL TFLGANLLFW FLALTPWRVY HLISVMILGR VIMQIKEMV LSRTRGAQLW RSLTESWEVI NSKPDERARL SQCIAESWMN FSMFLQEMSL FKQQSPGKFC LLVCSVCTFF TILGSYIPGV ILSYLLLLFA FLCPLFKCND IGQKIYSKVK SILLKLDFGI GEYINQKKRE RSEADKEKSH KDDSELDFA LCPKISLTV AKELSVSDTD VSEVSWTDNG TFLNLSYGYTP QTDTSDDLDR PSEEVFSRDL SDFPSLENGT GTNDEDELSL GLPTLKRKK QQLDSAHRPS KERQSAAGLS LPLKSDQALH LMSNLAGDVI TAAMTAAIKD QLEGARQALT QVAPTAGEDT DTEEGDDFEL LDQAELDQIE SELGLTQDQG AEAQQSKKSS GFLSNLLGGH Sequence without tag.</p> <p>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

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:

FAM134B

Alternative Name:

Retreg1 ([FAM134B Products](#))

Background:

Reticulophagy regulator 1 (Reticulophagy receptor 1),FUNCTION: Endoplasmic reticulum (ER)-anchored autophagy regulator which mediates ER delivery into lysosomes through sequestration into autophagosomes (PubMed:26040720, PubMed:34338405). Promotes membrane remodeling and ER scission via its membrane bending capacity and targets the fragments into autophagosomes via interaction with ATG8 family proteins (PubMed:26040720, PubMed:34338405). Active under basal conditions (By similarity). Required for collagen quality control in a LIR motif-dependent manner (PubMed:34338405). Required for long-term survival of nociceptive and autonomic ganglion neurons (PubMed:19838196, PubMed:26040720). {ECO:0000250|UniProtKB:Q9H6L5, ECO:0000269|PubMed:19838196, ECO:0000269|PubMed:26040720}.

Molecular Weight:

53.0 kDa

Target Details

UniProt: [Q8VE91](#)

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