Datasheet for ABIN7545981
SAR1B Protein (AA 1-198) (His tag)

Overview

Quantity:	1 mg
Target:	SAR1B
Protein Characteristics:	AA 1-198
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SAR1B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SAR1B Protein expressed in mammalian cells.
Sequence:	MSFIFDWIYS GFSSVLQFLG LYKKTGKLVF LGLDNAGKTT LLHMLKDDRL GQHVPTLHPT SEELTIAGMT FTTFDLGGHV QARRVWKNYL PAINGIVFLV DCADHERLLE SKEELDSLMT DETIANVPIL ILGNKIDRPE AISEERLREM FGLYGQTTGK GSISLKELNA RPLEVFMCSV LKRQGYGEGF RWMAQYID **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: • 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)
Grade:	custom-made

Target Details

Target:	SAR1B
Alternative Name:	SAR1B (SAR1B Products)
Background:	GTP-binding protein SAR1b (GTP-binding protein B) (GTBPB),FUNCTION: GTP-binding protein involved in transport from the endoplasmic reticulum to the Golgi apparatus (By similarity). Activated by the guanine nucleotide exchange factor PREB (By similarity). Involved in the selection of the protein cargo and the assembly of the COPII coat complex (By similarity). Synergizes with the cargo receptor SURF4 to mediate the export of lipoproteins from the endoplasmic reticulum, thereby regulating lipoprotein delivery and the maintenance of lipid homeostasis (PubMed:33186557). {ECO:0000250|UniProtKB:Q9QVY3, ECO:0000269|PubMed:33186557}.
Molecular Weight:	22.4 kDa
UniProt:	Q9Y6B6
Pathways:	Lipid Metabolism

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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Application Details

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