

Datasheet for ABIN7547597
FAR2 Protein (AA 1-515) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	FAR2
Protein Characteristics:	AA 1-515
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAR2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat FAR2 Protein expressed in mammalien cells.
Sequence:	MSTIAAFYGG KSILITGATG FLGKVLMEKL FRTSPDLKVI YILVRPKAGQ TLQQRVFQIL DSKLFKVKVE VCPNVHEKIR AIYADLNQND FAISKEDMQE LLSCTNIIFH CAATVRFDDT LRHAVQLNVT ATRQLLLMAS QMPKLEAFIH ISTAYSNCNL KHIDEVIYPC PVEPKKIIDS LEWLDDAID EITPKLIRDW PNIYTYTKAL GEMVVQESR NLNIAIIRPS IVGATWQEPF PGWVDNINGP NGIIIATGKG FLRAIKATPM AVADVIPVDT VVNLMLAVGW YTAVHRPKST LVYHITSGNM NPCNWHKMGV QVLATFEKIP FERPFRRPNA NFTSNSFTSQ YWNAVSHRAP AIIYDCYLRL TGRKPRMTKL MNRLRTVSM LEYFINRSWE WSTYNTEMLM SELSPEDQRV FNFDVRQLNW LEYIENYVLG VKKYLLKEDM AGIPKAKQRL KRLRNIHYLF NTALFLIAWR LLIARSQMAR NVWFFIVSFC YKFLSYFRAS STLKV 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

Product Details

contact us.

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, Western Blot

Grade:

custom-made

Target Details

Target:

FAR2

Alternative Name:

FAR2 ([FAR2 Products](#))

Background:

Fatty acyl-CoA reductase 2 (EC 1.2.1.84) (Male sterility domain-containing protein 1),FUNCTION: Catalyzes the reduction of saturated but not unsaturated C16 or C18 fatty acyl-CoA to fatty alcohols. A lower activity can be observed with shorter fatty acyl-CoA substrates (PubMed:15220348). It may play a role in the production of ether lipids/plasmalogens and wax monoesters which synthesis requires fatty alcohols as substrates (By similarity). {ECO:0000250|UniProtKB:Q8WVX9, ECO:0000269|PubMed:15220348}.

Molecular Weight:

59.4 kDa

UniProt:

[Q96K12](#)

Pathways:

[SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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
