

Datasheet for ABIN7547596
FAR1 Protein (AA 1-515) (His tag)



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Overview

Quantity:	1 mg
Target:	FAR1
Protein Characteristics:	AA 1-515
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAR1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FAR1 Protein expressed in mammalian cells.
Sequence:	<p>MVSIPEYYEG KNVLLTGATG FLGKVLLEKL LRSCPKVNSV YVLVRQKAGQ TPQERVEEVL SGKLFDRLRD ENPDFREKII AINSELTQPK LALSEEDKEV IIDSTNIIFH CAATVRFNEN LRDAVQLNVI ATRQLILLAQ QMKNLEVFMH VSTAYAYCNR KHIDEVVYPP PVDPKKLIDS LEWMDDGLVN DITPKLIGDR PNTYIYTKAL AEYVVQQEGA KLNVAIVRPS IVGASWKEPF PGWIDNFNGP SGLFIAAGKG ILRTIRASNN ALADLVPVDV VVNMSLAAAW YSGVNRPRNI MVYNCTTGST NPFHWGEVEY HVISTFKRNP LEQAFRRPNV NLTSNHLLYH YWIAVSHKAP AFLYDIYLRM TGRSPRMMKT ITRLHKAMVF LEYFTSNSWV WNTENVNMLM NQLNPEDKKT FNIDVRQLHW AEYIENYCLG TKKYVLNEEM SGLPAARKHL NKLRNIRYGF NTILVILIWR IFIARSQMAR NIWYFVVSLC YKFLSYFRAS STMRY</p> <p>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>

Product Details

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:	<p>Key Benefits:</p> <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 transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	FAR1
Alternative Name:	FAR1 (FAR1 Products)
Background:	<p>Fatty acyl-CoA reductase 1 (EC 1.2.1.84) (Male sterility domain-containing protein 2),FUNCTION: Catalyzes the reduction of saturated and unsaturated C16 or C18 fatty acyl-CoA to fatty alcohols (PubMed:15220348, PubMed:24108123). It plays an essential role in the production of ether lipids/plasmalogens which synthesis requires fatty alcohols (PubMed:20071337, PubMed:24108123, PubMed:33239752). In parallel, it is also required for wax monoesters production since fatty alcohols also constitute a substrate for their synthesis (By similarity). {ECO:0000250 UniProtKB:Q922J9, ECO:0000269 PubMed:15220348, ECO:0000269 PubMed:20071337, ECO:0000269 PubMed:24108123, ECO:0000269 PubMed:33239752}.</p>
Molecular Weight:	59.4 kDa

Target Details

UniProt: [Q8WVX9](#)

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