

Datasheet for ABIN7547752
FSCB Protein (AA 1-825) (His tag)



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Overview

Quantity:	1 mg
Target:	FSCB
Protein Characteristics:	AA 1-825
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FSCB protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FSCB Protein expressed in mammalian cells.
Sequence:	MVGKSQQTDV IEKKKHMAIP KSSSPKATHR IGNTSGSKGS YSAKAYESIR VSSELQQTWT KRKHGQEMTS KSLQTDTIVE EKKEVKLVEE TVVPEEKSD VREAAIELPE SVQDVEIPP IPSVQLKMDR SQQTSRTGYW TMMNIPPVEK VDKEQQTYS ESEIVVISRP DSSSTKSKED ALKHKSSGKI FASEHPEFQP ATNSNEEIGQ KNISRTSFTQ ETKKGPPVLL EDELREEVTV PVVQEGSAVK KVASAEIEPP STEKFPKIQ PPLVEEATAK AEPRPAEETH VQVQPSTEET PDAAEATAVA ENSVKVQPPP AEEAPLVEFP AEIQPPSAEE SPSVELLAEI LPPSAEESPS EPPAEILPP PAEKSPSVEL LGEIRSPSAQ KAPIEVQLP AEGALEEAPA KVEPPTVEET LADVQPLLPE EAPREEAREL QLSTAMETPA EEAPTEFQSP LPKETTAEAA SAEIQLLAAT EPPADETPAE ARSPLSEETS AEEAHAEVQS PLAEETTAEE ASAEIQLLAA IEAPADETPA EAQSPLSEET SAEAPAEVQ SPSAKGVSIE EAPLELQPPS GEETTAEEAS AAIQLLAATE ASAEAPAEV QPPPAEEAPA EVQPPPAEEA PAEVQPPPAE EAPAEVQPPP AEEAPAEVQP PPAEAPAEV QPPPAEEAPA EVQSLPAEET PIEETLAAVH SPPADDVPAE EASVDKHSPP

Product Details

ADLLLLTEEFPIGEASAEVSPPPSEQTPEDALVENVSTEFQSPQVAGIPAVKLGSSVLEG
EAKFEEVSKI NSVLKDLSENTNDGQAPTLEIESVFHIELKQRPPEL **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 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: FSCB

Alternative Name: FSCB ([FSCB Products](#))

Background: Fibrous sheath CABYR-binding protein,FUNCTION: May be involved in the later stages of fibrous sheath biogenesis and spermatozoa capacitation. Inhibits ROPN1 and ROPN1L SUMOylation. Binds calcium. {ECO:0000250|UniProtKB:A1EGX6}.

Molecular Weight: 88.0 kDa

UniProt: [Q5H9T9](#)

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