

Datasheet for ABIN7558329
SDCCAG8 Protein (AA 1-717) (His tag)



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Overview

Quantity:	1 mg
Target:	SDCCAG8
Protein Characteristics:	AA 1-717
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SDCCAG8 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sdccag8 Protein expressed in mammalian cells.
Sequence:	<p>MAKSPGNSTL EDSLGGYQRS LRERANRSIH QLKCALREVD VTVEEDALDP STSINVENED TGVAWHELQH SHAVNQLKAL LRQQTNKENE TSPRRRRLKS PSRPSECDDG SMPTMHNLPV IINDQSQYIH HLEAEVKFCK DELSGMKNRV QVVVLENERL QQELKSQRPE ETLREQTFLD ASGNMQNSWI MTREDSRVDE AAKRPFSGD AETGKTASTG DANKWKLELE RLKLTYEAKT DLLESQMLLL RKDLAEYQKT CEDLKERLKH KESLLAASAS SRVGGCLCKC AQHEAVLSQT HSNVHIQTIE RLTKERDDLML SVLVSVRSSL AEAQKRETS A YEQVKHAVQM TEEANFEKTK ALIQCEQLKS ELERQTERLE KELASQKEKR AVEKEMIKKE VAREREDAES KMLILSQNIA KLEAQVEKVT REKTAAVSHL EEIQNHVASQ EMDVTKVCGE MRFQLNKTKM EKDEVEKEHR EYKAKSHKDL EMKVQEIEKL RLELSESEQH VEQEQQKAAR ARQECLRVTE LLGEAERQLH LTRLKDSIQ QSFSNEAKAQ ALQAQQREQE LTQKIQQMET QHDKTESEY LLLTSQNTFL TKLKEECCLL AKKLEKVSLK SRSQIVRLSQ EKRYLCDKLE KLQKRNDELE EQCIQHGRVH ETMKERLRQL DKHGQATAQQ LVQLLNKQNNQ LLLERQNLSE EVARLRAQLP SMPQSDC Sequence</p>

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: SDCCAG8

Alternative Name: Sdccag8 ([SDCCAG8 Products](#))

Background: Serologically defined colon cancer antigen 8 homolog (Centrosomal colon cancer autoantigen protein) (mCCCAP),FUNCTION: Plays a role in the establishment of cell polarity and epithelial lumen formation (PubMed:20835237). Also plays an essential role in ciliogenesis and subsequent Hedgehog signaling pathway that requires the presence of intact primary cilia for pathway activation. Mechanistically, interacts with and mediates RABEP2 centrosomal localization which is critical for ciliogenesis (PubMed:27224062).
{ECO:0000269|PubMed:20835237, ECO:0000269|PubMed:27224062}.

Target Details

Molecular Weight: 83.0 kDa

UniProt: [Q80UF4](#)

Pathways: [M Phase, Tube Formation](#)

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