

Datasheet for ABIN7596504

## SREBF chaperone Protein (SCAP) (DYKDDDDK Tag)



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### Overview

Quantity:	10 µg
Target:	SREBF chaperone (SCAP)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This SREBF chaperone protein is labelled with DYKDDDDK Tag.
Application:	ELISA, Surface Plasmon Resonance (SPR), Phage Display (PhD), Immunogen (Imm), Cryogenic electron microscopy (cryo-EM)

### Product Details

Purpose:	Human SCAP full length protein-synthetic nanodisc
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### Target Details

Target:	SREBF chaperone (SCAP)
Alternative Name:	SCAP ( <a href="#">SCAP Products</a> )
Background:	N/A  A protein with a sterol sensing domain (SSD) and seven WD domains. In the presence of cholesterol, this protein binds to sterol regulatory element binding proteins (SREBPs) and mediates their transport from the ER to the Golgi. The SREBPs are then proteolytically cleaved and regulate sterol biosynthesis.
Molecular Weight:	The human full length SCAP protein has a MW of 139.7 kDa

## Target Details

UniProt:	<a href="#">Q12770</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Comment:	Advantages: <ul style="list-style-type: none"><li>• Highly purified membrane proteins</li><li>• High solubility in aqueous solutions</li><li>• High stability</li><li>• Proteins are in a native membrane environment and remain biologically active</li><li>• No detergent and can be used for cell-based assays</li><li>• No MSP backbone proteins</li><li>• Mammalian cell expression system ensures post- translational modifications</li></ul>
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Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	Solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months