

Recombinant Human SCP2 protein, GST-tagged

Cat. No. SCP2-7865H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCP2 protein(405-547 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	405-547 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MGFPEAASSFRTHQIEAVPTSSASDGFKANLVFKEIEKKLEEEGEQFVKKIGGIFAFK VKDGPGGKEATWVVDVKNGKGSVLPNSDKKADCTITMADSDFLALMTGKMNPQSA FFQGKCLKITGNMGLAMKLQNLQLQPGNAKL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

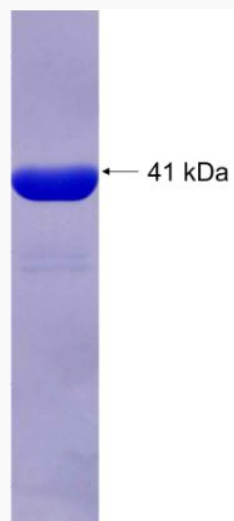
Gene Name	SCP2 sterol carrier protein 2 [Homo sapiens]
Official Symbol	SCP2
Synonyms	SCP2; sterol carrier protein 2; non-specific lipid-transfer protein; sterol carrier protein X; propanoyl-CoA C-acyltransferase; NLTP; SCPX; SCP-2; SCP-X; NSL-TP; SCP-CHI; DKFZp686C12188; DKFZp686D11188;
Gene ID	6342
mRNA Refseq	NM_001007098
Protein Refseq	NP_001007099
MIM	184755
UniProt ID	P22307

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SDS-PAGE

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