

Recombinant Human SCP2 protein, His-tagged

Cat. No. SCP2-3711H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCP2 protein(405-547 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	405-547 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MGFPEAASSFRTHQIEAVPTSSASDGFKANLVFKEIEKKLEEEGEQFVKKIGGIFAFK VKDGGPGGKEATWVVVDVKNGKGSVLPNSDKKADCTITMADSDFLALMTGKMNPQSA FFQGKLIKITGNMGLAMKLQNLQLQPGNAKL
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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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