# Recombinant Human SCP2 protein, His-tagged

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

## SPECIFICATION

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| **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 Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| **AA Sequence** | MGFPEAASSFRTHQIEAVPTSSASDGFKANLVFKEIEKKLEEEGEQFVKKIGGIFAFK VKDGPGGKEATWVVDVKNGKGSVLPNSDKKADCTITMADSDFLALMTGKMNPQSA FFQGKLKITGNMGLAMKLQNLQLQPGNAKL |
| **Purity** | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Storage** | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>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 ḡ/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

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| **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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