

# Recombinant Human SCP2D1, His-tagged

**Cat. No.** SCP2D1-5125H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human SCP2D1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                         |
| <b>Description</b>      | SCP2D1 contains 1 SCP2 domain.                                                                                                                                                                                 |
| <b>Form</b>             | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT                                                                                                                          |
| <b>Molecular Mass</b>   | 20.1 kDa (179aa) confirmed by MALDI-TOF                                                                                                                                                                        |
| <b>AA Sequence</b>      | MGSSHHHHHH SSGLVPRGSH MGSMWKRS DH QPKIKAEDGP LVGQFEVLGS<br>VPEPAMPHPL ELSEFESFPV FQDIRLHIRE VGAQLVKKVN AVFQLDITKN<br>GKTILRWTID LKNGSGDMYP GPARLPADTV FTIPESVFME LVLGKMNPQK<br>AFLAGKFKVS GKVLLSWKLE RVFKDWAKF |
| <b>Purity</b>           | >85% by SDS - PAGE                                                                                                                                                                                             |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                       |
| <b>Storage</b>          | Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing                                          |

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cycles.

**Concentration** 0.25 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** SCP2D1 SCP2 sterol-binding domain containing 1 [ Homo sapiens (human) ]

**Official Symbol** SCP2D1

**Synonyms** SCP2D1;HSD22; C20orf79; dJ1068E13.2;SCP2 sterol-binding domain-containing protein 1;sterol carrier protein 2-like protein

**Gene ID** 140856

**mRNA Refseq** NM\_178483.2

**Protein Refseq** NP\_848578.1

**UniProt ID** Q9UJQ7

**Chromosome Location** 20p11.23

**Function** sterol binding

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