

Recombinant Human SCD Full Length Transmembrane protein (1-359 aa), His-tagged

Cat. No. SCD-2726H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCD Protein (1-359 aa) is produced by in vitro E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal.
Species	Human
Source	E.coli
ProteinLength	1-359aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	44.3 kDa
AA Sequence	MPAHLQDDISSSYTTTTTITAPPSRVLQNGGDKLETMPLYLEDDIRPDIKDDIYDPTY KDKEGPSPKVEYVWRNIILMSLLHLGALYGITLIPTCKFYTWLWGVFYYFVSALGITA GAHRLWSHRSYKARLPLRLFLIIANTMAFQNDVYEWARHRAHHKFSETHADPHNS RRGFFFSHVGVLLVRKHPAVKEKGSTLDLSDLEAEKLVMFQRRYYKPGLLMMCIFIL PTLVPWYFWGETFQNSVFVATFLRYAVVLNATWLVNAAHLFGYRYPYDKNISPRENI LVSLGAVGEGFHNYHHSFPYDYSASEYRWHINFTTFFIDCMAALGLAYDRKKVSKAA ILARIKRTGDGNYKSG

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

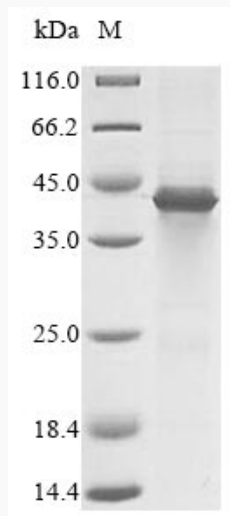
Gene Name	SCD stearyl-CoA desaturase (delta-9-desaturase) [Homo sapiens]
Official Symbol	SCD
Synonyms	SCD; stearyl-CoA desaturase (delta-9-desaturase); SCDOS, stearyl CoA desaturase opposite strand; acyl-CoA desaturase; acyl CoA desaturase; delta 9 desaturase; FADS5; fatty acid desaturase; delta-9 desaturase; delta-9-desaturase; delta(9)-desaturase; predicted protein of HQ0998; stearyl-CoA desaturase opposite strand; SCD1; SCDOS; MSTP008;
Gene ID	6319
mRNA Refseq	NM_005063
Protein Refseq	NP_005054
MIM	604031
UniProt ID	O00767

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SDS-PAGE



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