

Recombinant Full Length Sheep Acyl-CoA Desaturase(Scd) Protein, His-Tagged

Cat. No. RFL15797OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Sheep Acyl-CoA desaturase(SCD) Protein (O62849) (2-359aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Sheep
Source	E.coli
ProteinLength	Full Length of Mature Protein (2-359)
Form	Lyophilized powder
AA Sequence	PAHLLQEEISSSYTTTTTITAPPSRVLQNGGGKLEKTPLYLEEDIRPEMRDDIYDPNY QD KEGPKPKLEYVWRNIILMGLLHLGALYGITLIPTCKIYTFLWVLFYYVISALGITAGV HR LWSHRTYKARLPLRVFLIIANTMAFQNDVFEWSRDHRAHHKFSETDADPHNSRR GFFFSH VGWLLVRKHPAVREKGATLDLSDLRAEKLVMFQRRYYKPGVLLLCFILPTL VPWYLVGES FQNSLFFATFLRYAVVLNATWLVNSAAHMYGYRYPYDKTINPRENILV SLGAVGEGFHNYH HTFPYDYSASEYRWHINFTTFFIDCMAAIGLAYDRKKVSKAAVL GRMKRTGEESYKSG
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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	for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	SCD
Synonyms	SCD; Acyl-CoA desaturase; Delta(9-desaturase; Delta-9 desaturase; Fatty acid desaturase; Stearoyl-CoA desaturase
UniProt ID	O62849