Recombinant Full Length Mesocricetus Auratus Acyl-Coa Desaturase(Scd) Protein, His-Tagged

Cat. No. RFL34573MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mesocricetus auratus Acyl-CoA desaturase(SCD) Protein (Q64420) (2-354aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mesocricetus auratus
Source	E.coli
ProteinLength	Full Length of Mature Protein (2-354)
Form	Lyophilized powder
AA Sequence	PGHLLQEEMTSSYTTTTTTITEPPSESLQKTVPLYLEEDIRPEMKEDIYDPSYQDEEG PP PKLEYVWRNIILMALLHLGALYGLVLVPSSKVYTLLWAFVYYVISIEGIGAGVHRL WSHR TYKARLPLRIFLIIANTMAFQNDVYEWARDHRAHHKFSETYADPHDSRRGFF FSHVGWLL VRKHPAVKEKGGKLDMSDLKAEKLVMFQRRYYKPAILLMCFILPTFVP WYFWGEAFVNSL CVSTFLRYTLVLNATWLVNSAAHLYGYRPYDKNIDPRENALVSL GCLGEGFHNYHHAFPY DYSASEYRWHINFTTFFIDCMAALGLAYDRKKVSKAAVLA RIKRTGDGSCKSG
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	SCD
Synonyms	SCD; FAR-17c; Stearoyl-CoA desaturase; Acyl-CoA desaturase; Delta(9-desaturase; Delta-9 desaturase; Fatty acid desaturase
UniProt ID	Q64420

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