Recombinant Full Length Rat Acyl-Coa Desaturase 1(Scd1) Protein, His-Tagged

Cat. No. RFL22315RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Acyl-CoA desaturase 1(Scd1) Protein (P07308) (2-358aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length of Mature Protein (2-358)
Form	Lyophilized powder
AA Sequence	PAHMLQEISSSYTTTTTITEPPSGNLQNGREKMKKVPLYLEEDIRPEMREDIHDPSYQ DE EGPPPKLEYVWRNIILMALLHVGALYGITLIPSSKVYTLLWGIFYYLISALGITAGAH RL WSHRTYKARLPLRIFLIIANTMAFQNDVYEWARDHRAHHKFSETHADPHNSRRG FFFSHV GWLLVRKHPAVKEKGGKLDMSDLKAEKLVMFQRRYYKPGLLLMCFILPTL VPWYCWGETF LHSLFVSTFLRYTLVLNATWLVNSAAHLYGYRPYDKNIQSRENILVS LGAVGEGFHNYHH AFPYDYSASEYRWHINFTTFFIDCMAALGLAYDRKKVSKAAVL ARIKRTGDGSHKSS
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	Scd1
Synonyms	Scd1; Scd; Acyl-CoA desaturase 1; Delta(9-desaturase 1; Delta-9 desaturase 1; Fatty acid desaturase 1; Stearoyl-CoA desaturase 1
UniProt ID	P07308

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