

Recombinant Full Length *Cricetulus Griseus* Sterol O-Acyltransferase 1(Soat1) Protein, His-Tagged

Cat. No. RFL22146CF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length *Cricetulus griseus* Sterol O-acyltransferase 1(SOAT1) Protein (Q60457) (1-546aa), fused to N-terminal His tag, was expressed in *E. coli*.

Species

Cricetulus griseus

Source

E. coli

ProteinLength

Full Length (1-546)

Form

Lyophilized powder

AA Sequence

MVGEEKMSLRNRLSKSGENPEQDEAQRSVSDTQSNGRITMKQLIAKKRQLAAEAEELKPL FLKEVGCHFDDFVTNLIKESASLDNGGCALTTFSILEEMKNNHRAKDLRAPPEKGGKIFIS RRSLLDELFEVDHIRTIIYHMFIGLLILFILSTLVVDYIDEGRLVLEFNLLGYAFGKLPTV IWTWWAMFLSTLSIPYFLFQRWAHGYSKTSHP LIYSLSHGFFFLVFQLGILGFVPTYVVL AYTLPASRFIVILEQIRMVMKAHSFVRENVPRLNAAKEKSSTVPVPTVNQYLYFLFAP TLIYRDSYPRTPTVRWGYVAVQFLQVFGCLFYVYYIFERLCAPLFRNIKQEPFSARVLVL CVFNSILPGVLMFLTFFAFLHCWLNFAEMLRFGDRMFYKDWWNSTSYSNYYRTWNVVV HDWLYYYAYKDLLWFFSKRFKSAAMLAVFALSAVVHEYALAVCLSYFYPVLFVLFMFFGM AFNFIVNDSRKRPIWNIMVWASLFLGHGVILCFYSQEWYARQHCP LKNPTFLDYVRPRSW TCQYVF

Purity

Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C 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	SOAT1
Synonyms	SOAT1; ACAT; ACAT1; Sterol O-acyltransferase 1; Acyl-coenzyme A:cholesterol acyltransferase 1; ACAT-1; Cholesterol acyltransferase 1
UniProt ID	Q60457

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