

# Recombinant Full Length Macaca Fascicularis Sterol O-Acyltransferase 1(Soat1) Protein, His-Tagged

Cat. No. RFL1727MF Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Macaca fascicularis Sterol O-acyltransferase 1(SOAT1) Protein (O77761) (1-550aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Macaca fascicularis

### Source

E.coli

### ProteinLength

Full Length (1-550)

### Form

Lyophilized powder

### AA Sequence

MVGEEKMSLRNRLSKSRENPEEDEDQRKPAKESLEAPSNGRIDIKQLIAKKIKLTAEA  
 EE LKPFFMKEVGSFDDFVTNLIKESASLDNGGCALTTFSILEGEKNNHRAKDLRAP  
 PEQ GK IFIARRSLLELLEVDHIRTIIYHMFIALILFILSTLVVDYIDEGRLVLEFSLLSYA  
 FGK FPTVVWTWWIMFLSTFSVPYFLFQRWATGYSKSSHPLINSLFHGFLFMVFQIGI  
 LGFGPT YVVLAYTLPPASRFIIIFEQIRFVMKAHSFVRENVPRVLNSAKEKSSTVPIPT  
 VNQYLYF LFAPT LIYRDSYPRNPTVRWGYVAMQFAQVFGCFFVYVYIFERLCAPLFR  
 NIKQEPFSAR VLVLCVFNSILPGVLILFLTFFAFLHCWLNFAEMLRFGDRMFYKDW  
 WNSTSYSNYRTW NVVVHDWLYYYAYKDFLWFFSKRFKSAAMLAAFAVSAVVHEY  
 ALAVCLSFYFVLFVLFM FFGMAFNFIVNDSRKKPIWNVMMWTSFLGNGVLLCFYS  
 QEWYARQHCP LKNPTFLDYVR PRSWTCRYVF

### Purity

Greater than 90% as determined by SDS-PAGE.

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<b>Applications</b>	SDS-PAGE
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	SOAT1
<b>Synonyms</b>	SOAT1; ACAT; ACAT1; Sterol O-acyltransferase 1; Acyl-coenzyme A:cholesterol acyltransferase 1; ACAT-1; Cholesterol acyltransferase 1
<b>UniProt ID</b>	<a href="#">O77761</a>

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