

# Recombinant Full Length *Saccharomyces Bayanus* Sterol O-Acyltransferase 1(Are1) Protein, His-Tagged

Cat. No. RFL19579SF Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length *Saccharomyces bayanus* Sterol O-acyltransferase 1(ARE1) Protein (Q876L3) (1-623aa), fused to N-terminal His tag, was expressed in *E. coli*.

### Species

*Saccharomyces uvarum*

### Source

*E. coli*

### ProteinLength

Full Length (1-623)

### Form

Lyophilized powder

### AA Sequence

MTEAKELLQDERFLKIQELNSAEPKSRHSVTYDNLVLPQESVEVSPRSSTTSLEPAT  
 TT ATGVAVAAAAAAAEKKKKKKGEDGDDEQDEQAEKYPVDPRMQKYLKSLKSKS  
 RTRVHRK DASKYVSFFGDVSFDPRPTLLDSAVNVPFQTTFKGPVLEKQLKGLQQT  
 KGEVAAAAATA ATAATAAAPPGKKLESNFSGIYVFAWMFMGWIAFRSCMDYYVS  
 HEGGFASMEIVQYMTS DLFTIALLDLALFLSTFFVVFVHWLVKLGFIKRWKWTGFVAV  
 SLFELCFIPVSFPVYVYF HFSWVTRIFLFLHSVLLMKAHSFAFYNGYLWDIKNELE  
 FSSNKLNFKESLSPETKDIL QKSCDFCLFELNYQTKDNDPNNISCSNYFMFCMFP  
 VLVYQINYPRTSHIRWRYVLEKFC AIMGTIFLMMVTAQIFMHPVAMRCIEYHDTPSFG  
 GWVPAVKQWFLLFEMIPGFSVLYML TFYMIWDALLNCVAELTRFADRYFYGDWW  
 NCVSFEFEFSRIWNVPVHKFLLRHVYHSSMGA LHFSKAQATLFTFLLSAVFHEIAMFAI  
 FKEVRGYLFLFQLSQFAWTALSNTKFLRSRPL SNVVFTFGVCTGSPSMIMTLTL

### 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 multiple 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>	ARE1
<b>Synonyms</b>	ARE1; Sterol O-acyltransferase 1; Sterol-ester synthase 1
<b>UniProt ID</b>	<a href="#">Q876L3</a>

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