

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

Cat. No. RFL33565SF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length *Saccharomyces cerevisiae* Sterol O-acyltransferase 1(ARE1) Protein (P25628) (1-610aa), fused to N-terminal His tag, was expressed in *E. coli*.

Species *S.cerevisiae*

Source *E.coli*

ProteinLength Full Length (1-610)

Form Lyophilized powder

AA Sequence

MTETKDLLQDEEFLKIRRLNSAEANKRHSVTYDNVILPQESMEVSPRSSTTSLVEPV
 EST EGVESTEAEERVAGKQEQQEEYYPVDAHMQKYLKSHLKSRSRFRHRKDASKYVS
 FFGDVSTFD PRPTLLDSAINVFPQTTFKGPVLEKQLKLNQLTKTKTKATVKTTVKTTTEK
 TDKADAPPGE KLESNFSGIYVFAWMFLGWIAIRCCTDYASYGSAWNKLEIVQYMT
 TDLFTIAMLDLAMF LCTFFVVFVHVLVKKRIINWKWTGFVAVSIFELAFIPVTFPIYVY
 YDFDNWVTRIFLFLH SVVFMKSHSFAFYNGYLWDIKQELEYSSKQLQKYKESLSPE
 TREILQKSCDFCLFELNY QTKDNDFPNNISCSNFFMFCLFPVLVYQINYPRTSRIRW
 RYVLEKVCAIIGTIFLMMVTA QFFMHPVAMRCIQFHNTPTFGGWIPATQEWFHLLFD
 MIPGFTVLYMLTFYMIWDALLNCV AELTRFADRYFYGDWWNCVSFEFSRIWNVPV
 HKFLLRHVYHSSMGALHLSKSKQATLFTF FLSAVFHEMAMFAIFRRVRGYLFMFQLS
 QFVWTALSNTKFLRARPQLSNVVFSGVCSGP SIIMTLYLTL

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Purity	Greater than 90% as determined by SDS-PAGE.
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	ARE1
Synonyms	ARE1; SAT2; YCR048W; YCR48W; Sterol O-acyltransferase 1; Sterol-ester synthase 1
UniProt ID	P25628

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