

Recombinant Full Length *Saccharomyces Cerevisiae* Sphingosine N-Acyltransferase Lac1(Lac1) Protein, His-Tagged

Cat. No. RFL27024SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Saccharomyces cerevisiae</i> Sphingosine N-acyltransferase LAC1(LAC1) Protein (A6ZZV7) (1-418aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>S.cerevisiae</i>
Source	<i>E.coli</i>
ProteinLength	Full Length (1-418)
Form	Lyophilized powder
AA Sequence	MSTIKPSPSNNNLKVRSRPRRKSSIGKIDLGDTVPSLGTMFETKESKTAAKRRMQRL SEA TKNDSDLVKKIWFSFREISYRHAWIAPLMILIAVYSAYFTSGNTTKTNVLHRFVA VSYQI GDTNAYGKGINDLCFVFYIMIFFTFLREFLMDVVIRPFAIRLHVTSKHKRIKIM EQMYAI FYTGVSGPFGIYCMYHSDLWFFNTKAMYRTYPDFTNPFLFKVFYLGQAAF WAQQACILVL QLEKPRKDHNELTFHHIVTLLLIWSSYVFHFTKMGLPIYITMDVSDFLL SFSKTLNYLDS GLAFFSFAIFVVAWIYLRHYINLKILWSVLTQFRTEGNYVLNFATQQ YKCWISLPIVFVL IGALQLVNLYWLFLIFRVLYRILWRGILKDDRSDSESEDESDESST TPTDSTPTKKDI
Purity	Greater than 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	LAC1
Synonyms	LAC1; SCY_3367; Sphingosine N-acyltransferase LAC1
UniProt ID	A6ZZV7

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