

# Recombinant Full Length *Saccharomyces Cerevisiae* Uncharacterized Protein Yfl042C (Yfl042C) Protein, His-Tagged

**Cat. No.** RFL7868SF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length <i>Saccharomyces cerevisiae</i> Uncharacterized protein YFL042C (YFL042C) Protein (P43560) (1-674aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | <i>S.cerevisiae</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | <i>E.coli</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | Full Length (1-674)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MSDVDNWEPVSDNEDSTDSVKQLGPPFEHASNNDNAGDTEAESLQEVPLNTETND<br>VRKNL VVITNQSAADEHPTEIKHDQSRTSSTSSFFSGMISSFKSNVPSPVSRSTTPT<br>SPVSQPSI ISHRREPSMGSKRRSSRRISNATIAEIGSPLQQVEKPDEVKTRLTPSQM<br>KEDNYDHRRFV EERYMDTPYHYASEQRNKDFHETFKSVPKDDRLLDDFNCGLNRE<br>LLYQGKLYITETHLCF NSNLGWIAKVLI AFEDVTFMEKTS AAGLFPSAIS IETKMGKT<br>LFNGFISRDA AFGLMKE VWSRTLLQKDMA SENINTKA EKSNGNGKEIDDA INSIDEEN<br>NDKDANDNDTNENDDENIST NETTPNSTSSSPDKEKEKAYKL RADSSYQYDGP IYH<br>HSTSFP AEPMANNEFVLKELPFDC APGILFEIMFNSEQNEFLD FLRGQEGSQIT TIP<br>NFTSIDGSSMTLKREYSYEKALHFPA GPKSTTCYVAEVIK RKDPDTYYEVISSIRTPN<br>VPSGGSFSTKTRYLIRW NDEITCLLRVS FWVEWTGSSWIKGMVENGCKNGQLEAA<br>QLMERILSKFIKNNVEECQITISKEEEEEQDDKE VKNKLKEVDLEQPREAVVTAPAI AE |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

QQGLKVTMETWFLYLVVVLLLFLNFYIRSIASV LHQLVKLQLVELKL

**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** LAM5

**Synonyms** LAM5; LTC2; YFL042C; Membrane-anchored lipid-binding protein LAM5; Lipid transfer at contact site protein 2; Lipid transfer protein anchored at membrane contact sites 1

**UniProt ID** [P43560](#)

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