

Recombinant Human LSG1 Protein, GST-tagged

Cat. No. LSG1-4619H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LSG1 full-length ORF (CAL37455.1, 1 a.a. - 658 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein related to the yeast large subunit GTPase 1. The encoded protein is necessary for cell viability and may localize in the endoplasmic reticulum, nucleus and cytoplasm
Molecular Mass	98.78 kDa
AA Sequence	MGRRRAPAGGSLGRALMRHQTQRSRSHRHTDSWLHTSELNDGYDWGRNLQSVT EQSSLDDFLATAELAGTEFVAEKLNIKFPVPAEARTGLLSFEESQRIKKLHEENKQFLCI PRRPNWNQNTTPEELKQAEKDNFLEWRRQLVRLEEEQKLILTPFERNLDFWRQLW RVIERSDIVVQIVDARNPLLFRCEDELCYVKEMDANKENVILINKADLLTAEQRSAWA MYFEKEDVKVIFWSALAGAIPLNGDSEEEANRDDSQSNTEFGHSSFDQAEISHSES EHLPARDSPSLSENPTTDEDDSEYEDCPEEEEDDWQTCSEEDGPKEEDCSQDWK ESSTADSEARSRKTPQKRQIHNFSLVSKQELLELFKELHTGRKVKDGGQLTVGLVGY PNVGKSSTINTIMGNKKVSVSATPGHTKHFQTLYPEGLCLCDCPGLVMPSFVSTKA EMTCSGILPIDQMRDHVPPVSLVCQNIPRHVLEATYGINIITPREDEDPHRPPTSEELL TAYGYMRGFMTAHGQPDQPRSARYILKDYVSGKLLYCHPPPGRDPVTFQHQHQRL LENKMNSDEIKMQLGRNKKAKQIENIVDKTFFHQENVRALTKGVQAVMGYKPGSGV

 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

VTASTASSENGAGKPWKKHGNRNKKEKSRRLYKHLDM

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

LSG1 large subunit GTPase 1 homolog (S. cerevisiae) [Homo sapiens]

Official Symbol

LSG1

Synonyms

LSG1; large subunit GTPase 1 homolog (S. cerevisiae)

Gene ID

55341

mRNA Refseq

NM_018385

Protein Refseq

NP_060855

MIM

610780

UniProt ID

Q9H089

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