

Full-Length

LSG1 (Human) Recombinant Protein (P01)

Catalog # H00055341-P01

Size 50 ug

Specification

Product Description	Human LSG1 full-length ORF (CAL37455.1, 1 a.a. - 658 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGRRRAPAGGSLGRALMRHQTQSRSRSHRHTDSWLHTSELNDGYDWGRNLQSVTEQSSLDLDF LATAELAGTEFVAEKLNIKFVPAEARTGLLSFEESQRIKKLHEENKQFLCIPRRPNWNQNTTPEEL KQAEKDNFLEWRRQLVRLEEEQKLILTPFERNLDFWRQLWRVIERSDIVQMDARNPLLFRCEDL ECYVKEMDANKENVILINKADLLTAEQRSAWAMYFEKEDVKVIFWSALAGAIPLNGDSEEEANRD DSQSNTTEFGHSSFDQAEISHSESEHLPARDSPSLSENPTTDEDDSEYEDCPEEEEDDWQTCS EEDGPKEEDCSQDWKESSTADSEARSRKTPQKRQIHNFSLVSKQELLELFKELHTGRKVKDG QLTVGLVGYPNVGKSSTINTIMGNKKVSVSATPGHTKHFTLYVEPGLCLCDCPGLVMPSFVSTK AEMTCGILPIDQMRDHVPPVSLVCQNIPIRHVLEATYGINITPREDEDPHRPPTSEELLTAYGYMRG FMTAHGQPDQPRSARYLKDYVSGKLLYCHPPPGRDPVTFQHQHQRLLENKMNSDEIKMQLGRN KKAKQIENVDKTFHFQENVRALTKGVQAVMGYKPGSGVVTASTASSENGAGKPWKKHGNRNKK EKSRRLYKHLDL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	98.78
Interspecies Antigen Sequence	Mouse (81); Rat (82)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LSG1

Entrez GeneID [55341](#)

GeneBank Accession# [AM392577.1](#)

Protein Accession# [CAL37455.1](#)

Gene Name LSG1

Gene Alias FLJ11301

Gene Description large subunit GTPase 1 homolog (S. cerevisiae)

Omim ID [610780](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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

Other Designations large subunit GTPase 1 homolog