

Recombinant Mouse Lrsam1 Protein, Myc/DDK-tagged

Cat. No. Lrsam1-3847M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length leucine rich repeat and sterile alpha motif containing 1 (Lrsam1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	E3 ubiquitin-protein ligase that mediates monoubiquitination of TSG101 at multiple sites, leading to inactivate the ability of TSG101 to sort endocytic (EGF receptors) and exocytic (viral proteins) cargos. Bacterial recognition protein that defends the cytoplasm from invasive pathogens. Localizes to several intracellular bacterial pathogens and generates the bacteria-associated ubiquitin signal leading to autophagy-mediated intracellular bacteria degradation (xenophagy).
Molecular Mass	84 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Lrsam1 leucine rich repeat and sterile alpha motif containing 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Lrsam1](#)

Synonyms LRSAM1; leucine rich repeat and sterile alpha motif containing 1; E3 ubiquitin-protein ligase LRSAM1; tsg101-associated ligase; leucine-rich repeat and sterile alpha motif-containing protein 1; MGC56830

Gene ID [227738](#)

mRNA Refseq [NM_199302](#)

Protein Refseq [NP_955006](#)

UniProt ID [Q80ZI6](#)

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