

Recombinant Mouse Lsg1 Protein, Myc/DDK-tagged

Cat. No. Lsg1-3851M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length large 60S subunit nuclear export GTPase 1 (Lsg1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	GTPase required for the XPO1/CRM1-mediated nuclear export of the 60S ribosomal subunit. Probably acts by mediating the release of NMD3 from the 60S ribosomal subunit after export into the cytoplasm.
Molecular Mass	73.2 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Lsg1 large 60S subunit nuclear export GTPase 1 [Mus musculus (house mouse)]
Official Symbol	Lsg1
Synonyms	Lsg1; large 60S subunit nuclear export GTPase 1; AA409273; 5830465I20; D16Bwg1547e; large subunit GTPase 1 homolog; EC 3.6.1.-
Gene ID	224092
mRNA Refseq	NM_178069
Protein Refseq	NP_835170
UniProt ID	Q3UM18

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