

Recombinant Mouse Lss Protein, MYC/DDK-tagged

Cat. No. Lss-1344M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse lanosterol synthase (Lss), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes an enzyme that catalyzes the conversion of (S)-2,3 oxidosqualene to lanosterol. The encoded protein is a member of the terpene cyclase/mutase family and catalyzes the first step in the biosynthesis of cholesterol, steroid hormones, and vitamin D.
Molecular Mass	83.1 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 g/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Lss lanosterol synthase [Mus musculus (house mouse)]
Official Symbol	Lss
Synonyms	Lss; lanosterol synthase; Osc; D10Erttd116e; 2810025N20Rik; lanosterol synthase; 2,3-epoxysqualene--lanosterol cyclase; oxidosqualene--lanosterol cyclase; EC 5.4.99.7
Gene ID	16987
mRNA Refseq	NM_146006
Protein Refseq	NP_666118
UniProt ID	Q8BLN5

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