

Recombinant Human LSS Protein, GST-tagged

Cat. No. LSS-4600H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LSS partial ORF (NP_001001438.1, 633 a.a. - 732 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene 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. Alternative splicing results in multiple transcript variants encoding different isoforms
Molecular Mass	36.74 kDa
AA Sequence	FESCEERRYLQSAQSQIHNTCWAMMGLMAVRHPDIEAQERGVRCLLEKQLPNGDW PQENIAGVFNKSCAISYTSYRNIFPIWALGRFSQLYPERALAGHP
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.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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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 LSS lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase) [Homo sapiens]

Official Symbol LSS

Synonyms LSS; lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase); lanosterol synthase; OSC; hOSC; oxidosqualene--lanosterol cyclase; 2,3-epoxysqualene-lanosterol cyclase; 2,3-epoxysqualene--lanosterol cyclase; FLJ25486; FLJ35015; FLJ39450; FLJ46393;

Gene ID 4047

mRNA Refseq NM_001001438

Protein Refseq NP_001001438

MIM 600909

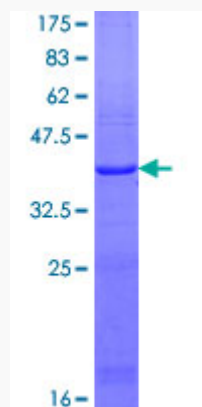
UniProt ID P48449

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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