

Recombinant Human LSS protein, His-tagged

Cat. No. LSS-4366H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LSS protein(P48449)(2-732aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-732aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	89.2 kDa
AA Sequence	TEGTC LRRRRGGPYKTEPATDLGRWRLNCERGRQTWTYLQDERAGREQTGLEAYA LGLDTKNYFKDLPKAHTAFEGALNGMTFYVGLQAEDGHWTGDYGGPLFLLPGLLIT CHVARIPLPAGYREEIVRYLRSVQLPDGGWGLHIEDKSTVFGTALNYVSLRILGVGPD DPDLVRARNILHKKGGAVAIPSWGKFWLAVLNVYSWEGNLTLPFEMWLFPDWAPA HPSTLWCHCRQVYLPMSYCYAVRLSAAEDPLVQSLRQELYVEDFASIDWLAQRNNV APDELYTPHSWLLRVVYALLNLYEHHHSAHLRQRAVQKLYEHIVADDRFTKSISIGPI SKTINMLVRWYVDGPASTAFQEHVSRIPDYLWMGLDGMKMQGTNGSQIWDTAFAI QALLEAGGHHRPEFSSCLQKAHEFLRLSQVPDNPPDYQKYRQMRKGGFSFSTLD CGWIVSDCTAEALKAVLLLQEKCPHVTEHIPRERLCDAVAVLLNMRNPDGGFATYET KRGHLLLELLNPSEVFGDIMIDYTYVECTSAVMQALKYFHKRFPEHRAAEIRETLTQ

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GLEFCRRQQRADGSWEGSWGVCFTYGTWFGLEAFACMGQTYRDGTACAEVSRA
CDFLLSRQMADGGWGEDFESCEERRYLSAQSQIHNTCWAMMGLMAVRHPDIEA
QERGVRCLEKQLPNGDWPQENIAGVFNKSCAISYTSYRNIFPIWALGRFSQLYPER
ALAGHP

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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](#)

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MIM	600909
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UniProt ID	P48449
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