

Recombinant Human LSS Protein (Asp388-Pro549), His tagged

Cat. No. LSS-4462H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LSS (Asp388-Pro549) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp388-Pro549
Description	Key enzyme in the cholesterol biosynthesis pathway. Catalyzes the cyclization of (S) - 2, 3 oxidosqualene to lanosterol, a reaction that forms the sterol nucleus. Through the production of lanosterol may regulate lens protein aggregation and increase transparency.
Form	Lyophilized powder/frozen liquid
Molecular Mass	20.03 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	LSS lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase) [Homo sapiens (human)]
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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