



Recombinant Human Lanosterol synthase (LSS)

Product Code	CSB-EP013216HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P48449
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	TEGTCLRRR GGPYKTEPAT DLGRWRLNCE RGRQWTWYLQ DERAGREQTG LEAYALGLDT KNYFKDLPKA HTAFEGALNG MTFYVGLQAE DGHWTGDYGG PLFLLPGLLI TCHVARIPLP AGYREEIVRY LRSVQLPDGG WGLHIEDKST VFGTALNYVS LRILGVGPDD PDLVRARNIL HKKGGAVAIP SWGKFWLAVL NVYSWEGLNT LPPEMWLFPD WAPAH PSTLW CHCRQVYLP SYCYAVRLSA AEDPLVQSLR QELYVEDFAS IDWLAQRNNV APDELYTPHS WLLRVVYALL NLYEHHSAH LRQRAVQKLY EHIVADDRFT KSIGIPISK TINMLVRWYV DGPASTAFQE HVSRIPTYLW MGLDGMKMQG TNGSQIWDTA FAIQALLEAG GHRPEFSSC LQKAHEFLRL SQVPDNPDPY QKYRQMRKG GFSFSTLDCG WIVSDCTAEA LKAVLLLQEK CPHVTEHIPR ERLCDAVAVL LNMRNPDGGF ATYETKRGGH LLELLNPSEV FGDIMIDYTY VECTSAVMQA LKYFHKRFPE HRAAEIRETL TQGLEFCRRQ QRADGSWECS WGVCFTYGTW FGLEAFACMG QTYRDGTACA EVSRACDFLL SRQMADGGWG EDFESCEERR YLQSAQSQIH NTCWAMMGLM AVRHPDIEAQ ERGVRCLLEK QLPNGDWPQE NIAGVFNKSC AISYTSYRNI FPIWALGRFS QLYPERALAG HP
Source	E.coli
Target Names	LSS
Protein Names	Recommended name: Lanosterol synthase EC= 5.4.99.7 Alternative name(s): 2,3-epoxysqualene--lanosterol cyclase Oxidosqualene--lanosterol cyclase Short name= OSC Short name= hOSC
Expression Region	2-732
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.