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Datasheet for ABIN1474691
LSS Protein (AA 2-733) (His tag)

Overview

Quantity:	1 mg
Target:	LSS
Protein Characteristics:	AA 2-733
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LSS protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: TEGTCLRRR GGPYKTEPAT DLTRWRLHNE LGRQRWTTYQ AEEDPGREQT GLEAHSGLD
TTSYFKNLPK AQTAHEGALN GVTFYAKLQA EDGHWAGDYG GPLFLLPGLL ITCHIAHIPL
PAGYREEMVR YLRSVQLPDG GWGLHIEDKS TVFGTALSIV SLRILGIGPD DPDLVRARNI
LHKKGGAVAI PSWGKFWLAV LNVYSWEGIN TLFPEMWLLP EWFPAHPSTL WCHCRQVYLP
MSYCYATRLS ASEDPLVQSL RQELYVEDYA SIDWPAQKNN VCPDDMYTPH SWLLHVYVGL
LNLRYERFHST SLRKWAIQLL YEHVAADDRF TKCISIGPIS KTVNMLIRWS VDGPSPPAFQ
EHVSRIDYL WLGLDGMKMQ GTNGSQTWDT SFAVQALLEA GAHRRPEFLP CLQKAHEFLR
LSQVPDNNPD YQKYRHMHK GGPFSTLDC GWIVADCTAE ALKAVLLLQE RCPSITEHVP
RERLYDAVAV LLSMRNSDGG FATYETKRGG YLLELLNPSE VFGDIMIDYT YVECTSVMQ
ALRHFREYFP DHRATESRET LNQGLDFCRK KQRADGSWEG SWGVCFTYGT WFGLEAFACM
GHIYQNRAC AEVAQACHFL LSRQMADGGW GEDFESCEQR RYVQSAGSQV HSTCWALLGL
MAVRHPDISA QERGIRCLLG KQLPNGDWPQ ENISGVFNKS CAISYTNRYN IFPIWALGRF

Product Details

SSLYPDNTLA GHI

Specificity: Rattus norvegicus (Rat)

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: LSS

Alternative Name: Lanosterol synthase (Lss) ([LSS Products](#))

Background: Recommended name: Lanosterol synthase.
EC= 5.4.99.7.
Alternative name(s): 2,3-epoxysqualene--lanosterol cyclase Oxidosqualene--lanosterol cyclase.
Short name= OSC

UniProt: [P48450](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Handling

Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.