

Datasheet for ABIN7584946

LCMT2 Protein (AA 1-686) (His tag)



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Overview

Quantity:	100 µg
Target:	LCMT2
Protein Characteristics:	AA 1-686
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LCMT2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MGPRSRQRRT GTVQSTNDSS SLSKRSLAAQ GYVSDAFAPL LVPGIVRRTP LIHRGYVYVRA</p> <p>RAVRHCVRAF LDLTGAIRSP TRAQILSLGS GSDSLYFRLK AAGLLTRTAV WEVDFPDVSR</p> <p>LKAKRIEETP ELCAQTGPFK IGDSASTLCF ESSDYRILGA DLRELQRLGE ALDSAGLDAT</p> <p>SPTLILAEAV LTYLEPSRAA ALIAWVAQRF PNALFVIYEQ MKPGDAFGQI MLQHFRRLLNS</p> <p>PLHGLELFPD VEAQRQRFLQ AGWTTCSALD LNEFYRRLIP ADERRRVETL EPFDEFEEWH</p> <p>LKCSHYFILA ASRGDILSET PVFLPSEASF QIDPALPSGF LSASVVTSDH QHSSLQRYGH</p> <p>TSVLLSPGII FSAGGFGEQE GRHCRVSRFH LLSRSCDSEW KGCQISTLGT EGQWDGRLYH</p> <p>TMTRLSDTRV LVLGGRLSPV NPASGALQLD IYKSEDNCPE GQNVVVTCAA LEEGSMMLSCW</p> <p>RHSTTEVYYQ NQRYLFVYGG RSVTDPVLSD CRFLHVETMA WVRIPVQGSS PEGRHSHSAC</p> <p>SWQGGALIAG GLGASEEPLS SVFFLRPVSS GFLWESIHIQ PSITPRYSHT AHVFNGKLLL</p> <p>VGGVWIHSSS VPGVTVISLT TGLSSEYQID TASVPWPLML HNHSSALLPE EQQLLLIGGG</p> <p>GNCFSFGTYF NPHTVGLDLS SLGLGQ</p>
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Product Details

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:	LCMT2
Abstract:	LCMT2 Products
Background:	<p>Recommended name: Leucine carboxyl methyltransferase 2.</p> <p>EC= 2.1.1.-.</p> <p>Alternative name(s): tRNA wybutosine-synthesizing protein 4 homolog.</p> <p>Short name= tRNA yW-synthesizing protein 4 homolog</p>
UniProt:	Q5XIA3

Application Details

Comment:	<p>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.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol

Handling

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.