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Datasheet for ABIN1612766

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

Overview

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| Quantity: | 1 mg |
| 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

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

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| 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

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| 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

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| 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

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

Handling

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| 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. |