

Recombinant human LCMT1 protein

Catalog Number: ATGP1346

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-334aa

UniProt No.

Q9UIC8

NCBI Accession No.

NP_057393

Alternative Names

Leucine carboxyl methyltransferase 1, CGI-68, LCMT, PPMT1

PRODUCT SPECIFICATION

Molecular Weight

40.9 kDa (358aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.15M NaCl.

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

LCMT1 catalyzes the methylation of the carboxyl group of the C-terminal leucine residue (leu309) of the catalytic subunit of protein phosphatase-2A. Recombinant human LCMT7 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MATRQR ESSITSCCST SSCDADDEGV RGTCEDASLC KRFAVSIGYW
HDPYIQHFVR LSKERKAPEI NRGYFARVHG VSQLIKAFLR KTECHCQIVN LGAGMDTTFW RLKDEDLLPS KYFEVD FPMI

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VTRKLHSIKC KPPLSSPILE LHSEDTLQMD GHILDSKRYA VIGADLRDLS ELEEKLKKCN MNTQLPTLLI AECVLVYMTP
EQSANLLKWA ANSFERAMFI NYEQVNMGDR FGQIMIENLR RRQCDLAGVE TCKSLESQKE RLLSNGWETA SAVDMMELYN
RLPRAEVSRI ESLEFLDEME LLEQLMRHYC LCWATKGGNE LGLKEITY

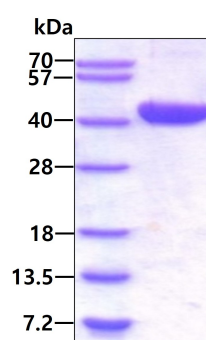
General References

Lee JA., et al. (2007) J Biol Chem. 282(42):30974-84.

De Baere I., et al. (1999) Biochemistry. 38(50):16539-47.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain