

**LCMT1, 1-334 aa , Human, His tag E.coli**

**Cat.NO.: TP02787**

3th Edition

**Synonyms:**Leucine carboxyl methyltransferase 1, CGI-68, LCMT, PPMT1.

**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 Nterminus, was expressed in E.coli and purified by using conventional chromatography techniques.

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

**Molecular Weight:**41 kDa (358aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSHMATRQRESSITSCCSTSSCDADDEGVRGTCEDASLCKRFAVSIGYWHDP  
YIQHFVRLSKERKAPEINRGYFARVHGVSQLIKAF LRKTECHCQIVNLGAGMDTTFWRLKDEDLLPSKYFEVDFPMI  
VTRKLHSIKCKPPLSSPILELHSEDTLQMDGHILDSKRYAVIGADLRDLSELEEKLKKCNMNTQLPTLLIAECLVYMT  
PEQSANLLKWAANSFERAMFINYEQVNMGDRFGQMIENLRRRQC DLAGVETCKSLESQKERLLSNGWETASAVD  
MMELYNRLPRAEVSRIESLEFLDEMELLEQLMRHYCLCWATKGGNELGLKEITY

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.