

Recombinant Human LCMT2 protein, GST-tagged

Cat. No. LCMT2-188H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LCMT2 fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
Description	LCMT2, also named tRNA wybutosine-synthesizing protein 4 (TYW4), is an S-adenosylmethionine (SAM)-dependent enzyme that involves in the final step of wybutosine biosynthesis pathway. Structural study revealed that TYW4 uses one catalytic site for both methylation and methoxycarbonylation process).
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	90 kDa
Purity	>70%
Applications	Methyltransferase Assay
Stability	1 year at -70 centigrade from the date of shipment
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most

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favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Concentration 0.05µg/µl

GENE INFORMATION

Gene Name LCMT2 leucine carboxyl methyltransferase 2 [Homo sapiens]

Official Symbol LCMT2

Synonyms LCMT2; leucine carboxyl methyltransferase 2; KIAA0547; MGC9534; PPM2; tRNA yW synthesizing protein 4; TYW4; tRNA-yW synthesizing protein 4; tRNA-Wybutosine-synthesizing protein 4; p21WAF1/CIP1 promoter-interacting protein; FLJ51321;

Gene ID 9836

mRNA Refseq NM_014793

Protein Refseq NP_055608

MIM 611246

UniProt ID O60294

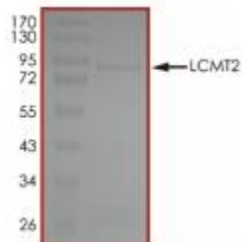
Chromosome Location 15q15.3

Function methyltransferase activity; protein binding; transferase activity;

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