

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](#)

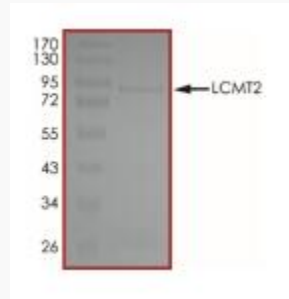
Chromosome Location 15q15.3

Function methyltransferase activity; protein binding; transferase activity;

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