

Recombinant Human LCMT2, His-tagged

Cat. No. LCMT2-125H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human Leucine Carboxyl Methyltransferase 2/LCMT2 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Met1-Gln686) of Human LCMT2 fused with a polyhistidine tag at the C-terminus.

Species Human

Source HEK293

ProteinLength 1-686 a.a.

AA Sequence

MGPRSRERRAGAVQNTNDSSALSKRSLAARGYVQDPFAALLVPGAARRAPLIHRGY
 YVRARAVRH CVRAFLEQIGAPQAALRAQILSLGAGFDSLYFRLKTAGRLARAAVWE
 VDFPDVARRKAERIGETP ELCALTGPFERGEDPASALCFESADYICILGLDLRQLQRVE
 EALGAAGLDAASPTLLLAEAVLTYLE PESAAALIAWAAQRFPNALFVVYEQMRPQDA
 FGQFMLQHFRQLNSPLHGLERFPDVEAQRRLFLQ AGWTACGAVDMNEFYHCFLP
 AEERRRVENIEPFDEFEEWHLKCAHYFILAASRGDTLSHTLVFPS SEAFPRVNPASP
 SGVFPASVVSSEGQVPNLKRYGHASVFLSPDVILSAGGFGEQGRHCRVSQFH LL
 SRDCDSEWKGSQIGSCGTGVQWDGRLYHTMTRLSESRVVLVGGRLSPVSPALGVL
 QLHFFKSE DNNTEDLKVTITKAGRKDDSTLCCWRHSTTEVSCQNQEYLFVYGGRS
 VVEPVLSDWHFLHVGTMA WVRIPVEGEVPEARHSHSACTWQGGALIAGGLGASEE
 PLNSVLFLRPISCGFLWESVDIQPPITP RYSHTAHLVNGKLLLGGGIWIHSSSFPGVT
 VINLTTGLSSEYQIDTTYVPWPLMLHNHTSILLPE EQQLLLGGGGNCFSFGTYFNP
 HTVTLDLSSLSAGQVDHHHHHH

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Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
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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