

Leucine Carboxyl Methyltransferase 1 Recombinant Protein | LCMT1 recombinant protein

Recombinant Human Leucine Carboxyl Methyltransferase 1

CATALOG #
AAA39017

HOST
E Coli

PRODUCT SYNONYMS

Leucine Carboxyl Methyltransferase 1; Recombinant Human Leucine Carboxyl Methyltransferase 1; LCMT1 Human; Leucine Carboxyl Methyltransferase 1 Human Recombinant; Leucine carboxyl methyltransferase 1; Protein-leucine O-methyltransferase; [Phosphatase 2A protein]-leucine-carboxy methyltransferase 1; LCMT1; LCMT; PPMT1; CGI-68; LCMT1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The LCMT1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1mM DTT and 0.15M NaCl. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMGSHMATRQRESS ITSCCSTSSC DADDEGVRGT CEDASLCKRF AVSIGYWHDP YIQHFVRLSK ERKAPEINRG YFARVHGVSQ LIKAFLRKTE CHCQIVNLGA GMDTTFWRLK DEDLLPSKYF EVDFPMIVTR KLHSICKKPP LSSPILELHS EDTLQMDGHI LDSKRYAVIG ADLRDLSELE EKLKKCNMNT QLPTLLIAEC VLVYMTPEQS ANLLKWAANS FERAMFINYE QVNMGDRFGQ IMIENLRRRQ CDLAGVETCK SLESQKERLL SNGWETASAV DMMELYNRLP RAEVSRIESL EFLDEMELLE QLMRHYCLCW ATKGGNELGL KEITY.
Sequence Length	279

ADDITIONAL INFORMATION

Related Product Information for LCMT1 recombinant protein	Description: LCMT1 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 358 amino acids (1-334) and having a molecular mass of 41kDa. LCMT1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: LCMT1 is a member of the LCMT family, methyltransferase superfamily. LCMT1 catalyzes the methylation of the carboxyl group of the C-terminal leucine residue (leu309) of the catalytic subunit of protein phosphatase-2A to form alpha-leucine ester residues.
Product Categories/Family for LCMT1 recombinant protein	Enzymes; Transferase

NCBI AND UNIPROT INFORMATION

NCBI GI #	74048545
NCBI GeneID	51451
NCBI Accession #	NP_001027563.1
NCBI GenBank Nucleotide #	NM_001032391.1
UniProt Accession #	Q9UIC8; Q53FC5; Q96CI5; Q9H6I9; Q9NTG4; Q9Y378; A6NL89; A8K770
Molecular Weight	32,172 Da
NCBI Official Full Name	leucine carboxyl methyltransferase 1 isoform b

NCBI Official Synonym Full Names	leucine carboxyl methyltransferase 1
NCBI Official Symbol	LCMT1
NCBI Official Synonym Symbols	LCMT; PPMT1; CGI-68
NCBI Protein Information	leucine carboxyl methyltransferase 1; [Phosphatase 2A protein]-leucine-carboxy methyltransferase 1; protein phosphatase methyltransferase 1; protein-leucine O-methyltransferase
UniProt Protein Name	Leucine carboxyl methyltransferase 1
UniProt Gene Name	LCMT1
UniProt Synonym Gene Names	LCMT
UniProt Entry Name	LCMT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/lcmt1-recombinant-protein-e-coli/39017>