

Product datasheet for TP515677

Lcmt2 (NM_177846) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse leucine carboxyl methyltransferase 2 (Lcmt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR215677 representing NM_177846 Red=Cloning site Green=Tags(s)

MGPRGRQRRAGTVQSTNDSSSLSKRSLAAHGYVRDPFAALLVPGPVRRTPLIHRGYVVRARAVRHCVRAF
LELTSALPSRTRAQILSLGSGSDSLYFRLKAAGLLARAAVWEVDFPDVSRLLKAERIEETPELRAQTGPFK
IGDSASSLCFESADYRILGADLRELQRLGEALDGAGLDATSPTELLAEAVLTYLEPSSATALIAWAAQRF
PDALFVIYEQMQPGDAFGQIMLQHFQRLHSPLHGLELFPVVKARQRFLQAGWTACSALDLNEFYRRLLS
AEERQRVETLEPFDEYEEWHLKCSHYFILAASRGDILSETPVFEPSEASFQIDPASPSGFLSARVWTS
DHQHSSLKRYGHASALLSPGVIFSAGGFGEQEGRHCRVSRFHVLSRSCDSEWEGCQISTLGTEGQWDGRLYH
TMRLSDTRVLVLGGRLSPVSPASGALQLDLYKSKDNCSEGQNVTVTKAALEEGSVLSCWRHSTTEVYYQ
NQRYLFVYGGRSVAEPVLSDCRFLHVETMAWVRIPVQASPEGRHSHSACSWQGGALIAGGLGASELLS
SVLFLKPVSSGFLWESIDIQPSITPRYSHTAHVFNGLLLVGGVWIHSSVPGVTVICLTTGLSSEYQID
TASVPWPLMLHNSHSSALLPEEQQLLLIGGGGNCFSFGTYFNPHTVALDLSSLRSGQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	75.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_808514
Locus ID:	329504
UniProt ID:	Q8BYR1
RefSeq Size:	3407
Cytogenetics:	2 E5
RefSeq ORF:	2058
Synonyms:	D330024M17; Tyw4
Summary:	Probable S-adenosyl-L-methionine-dependent methyltransferase that acts as a component of the wybutosine biosynthesis pathway. Wybutosine is a hyper modified guanosine with a tricyclic base found at the 3'-position adjacent to the anticodon of eukaryotic phenylalanine tRNA (By similarity). May methylate the carboxyl group of leucine residues to form alpha-leucine ester residues.[UniProtKB/Swiss-Prot Function]