

Product datasheet for PH300781

L3MBTL2 (NM_031488) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	L3MBTL2 MS Standard C13 and N15-labeled recombinant protein (NP_113676)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200781
Predicted MW:	79.1 kDa
Protein Sequence:	>RC200781 protein sequence Red=Cloning site Green=Tags(s)

MEKPRSIETPSSEPMEEEEDDLELFGGYDSFRSYNSSVGSSESSYLEESSEAEENEDREAGELPTSPLH
LLSPGTPRSLDGSSEPAVCEMCGIVGTREAFFSKTKRFCVSCSRYSNSKKASILARLQGKPPTKKA
KVLHKAWSAKIGAF LHSQGTGQLADGTPTGQDALVLGFDWGF LKDHYSKAAPVSCFKHVPLYDQWEDV
MKGMKVEV LNSDAV LPSRVYWIASVIQTAGYRVLLRYEGFENDASHDFWCNLGTVDVHPIGWCAINSKIL
VPPRTIHAKFTDWKGYLMKRLVGSRTL PVDFHIK MVESMKY PFRQGMRLVVDK SQVSRTRMAVVDTVIG
GRLRLLYEDGSDDDFWCHMWSPLIHPVGWRRVGHGIKMSERRSDMAHHTFRKIYCDAVPYLFKKVRA
VYTEGGWFEEGMKLEAIDPLNLGNICVATVCKVLLDGYLMICVDGGPSTDGLDWFCYHASSHAIFPATFC
QKNDIELTPPKGYEAQTFNWNYLEKTKSKAAPSR LFNMDCPNHGFKVGMKLEAVDLMEPRLICVATVKR
VVHRLLSIHF DGWDSEYDQWVDCESPD IYPVGWCEL TGYQLQPPVAAEPATPLKAKEATK KKKKQFGKKR
KRIPPTKTRPLRQGSKKP LLEDDPQGARKISSEPVGEI IAVRVKEEHL DVASPKASSPEL PVSVENIK
QETDD

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_113676



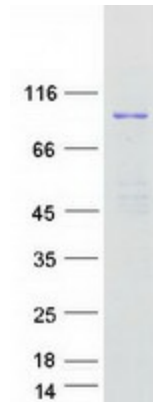
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RefSeq Size:	3205
RefSeq ORF:	2115
Synonyms:	H-I(3)mbt-l; L3MBT
Locus ID:	83746
UniProt ID:	Q969R5 , A0A0S2Z5X6
Cytogenetics:	22q13.2

Summary: Putative Polycomb group (PcG) protein. PcG proteins maintain the transcriptionally repressive state of genes, probably via a modification of chromatin, rendering it heritably changed in its expressibility. Its association with a chromatin-remodeling complex suggests that it may contribute to prevent expression of genes that trigger the cell into mitosis. Binds to monomethylated and dimethylated 'Lys-20' on histone H4. Binds histone H3 peptides that are monomethylated or dimethylated on 'Lys-4', 'Lys-9' or 'Lys-27'. [UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified L3MBTL2 protein (Cat# [TP300781]). The protein was produced from HEK293T cells transfected with L3MBTL2 cDNA clone (Cat# [RC200781]) using MegaTran 2.0 (Cat# [TT210002]).