

Recombinant Mouse L3mbtl2 Protein, Myc/DDK-tagged

Cat. No. L3mbtl2-3744M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length L3MBTL2 polycomb repressive complex 1 subunit (L3mbtl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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'.
Molecular Mass	79.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name L3mbtl2 L3MBTL2 polycomb repressive complex 1 subunit [Mus musculus (house mouse)]

Official Symbol L3mbtl2

Synonyms L3MBTL2; l(3)mbt-like 2 (Drosophila); lethal(3)malignant brain tumor-like protein 2; l(3)mbt-like protein 2; M4mbt; 4732493N06Rik; MGC31247

Gene ID 214669

mRNA Refseq NM_145993

Protein Refseq NP_666105

UniProt ID P59178

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