

Recombinant Human L3MBTL1 protein, GST-tagged

Cat. No. L3MBTL1-254H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human L3MBTL1(190-530 aa)(3XMBT DOMAIN) fused with GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	190-530 a.a.
Description	L3MBTL1 3xMBT contains the three MBT repeat domains present in the protein. L3MBTL1 is a member of the Polycomb group of proteins and binds to broad range of proteins that exhibit mono- and dimethylation, including histone H1, histone H4, p53 and Rb. The truncated version of L3MBTL1 present in the 3xMBT domain protein serves as a useful tool for the detection of mono- and dimethylation of a wide variety of proteins.
Form	In 20 mM Tris-HCl pH 8.0, 200 mM NaCl, 1 mM DTT, 20% glycerol.
Molecular Mass	68 kDa
Applications	L3MBTL1 3xMBT Domain, Recombinant Human is useful for the detection of protein mono- and dimethylation in far-Western assays, for the immunoprecipitation of methylated proteins in pull-down experiments, or as a readout of methyltransferase enzyme activity.

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Storage	Stable for six months at -80 centigrade from date of receipt. For best results, aliquot and avoid multiple freeze/thaws.
Concentration	1 mg/ml
GENE INFORMATION	
Gene Name	L3MBTL1 I(3)mbt-like 1 (Drosophila) [Homo sapiens]
Official Symbol	L3MBTL1
Synonyms	L3MBTL1; I(3)mbt-like 1 (Drosophila); I(3)mbt (Drosophila) like , I(3)mbt like (Drosophila) , L3MBTL; lethal(3)malignant brain tumor-like protein 1; dJ138B7.3; DKFZp586P1522; KIAA0681; lethal (3) malignant brain tumor I(3); I(3)mbt protein homolog; L3MBTL; H-L(3)MBT; FLJ41181;
Gene ID	26013
mRNA Refseq	NM_015478
Protein Refseq	NP_056293
MIM	608802
UniProt ID	Q9Y468
Chromosome Location	20q13.12

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