

Product datasheet for **SC318072**

L3MBTL4 (NM_173464) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L3MBTL4 (NM_173464) Human Untagged Clone
Tag:	Tag Free
Symbol:	L3MBTL4
Synonyms:	HsT1031
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC318072 representing NM_173464
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAACAGCCCAACAGGAAAAGGAAGCTTAATATGGATTCCAAAGAGCGTTTGGATCAGGACGGACGCT
 TGGAGCAAGCTGAAGAGGAAAAGAAGCCCAAGGATAGCACAACCCCTTTGAGTCACGTCCCTTCAGCGGC
 TGCACAGGGAGCATGGTCTTGGGAGTGGTACTTGAAAGAACAGAAGGCTGTCGCAGCACCTGTTGAGCTG
 TTTTCCAAGGATCAGTCTTTCCAGAGCATGAAAATGGTTTTCCAGATTGGAATGAGATTAGAAGGCATTG
 ATCCCCGACATCCATCGGTATTCTGTGTCTTTCTGTAGCGGAGGTTTGTGGTTACCGTCTAAGACTTCA
 TTTTGATGGTTATTTAAGTTGCTATGATTTTTGGACCAATGCTGGTCCCTGACATTATCCAGTAGGA
 TGGTGTGAAAAGACCAACATGAACTGCACATCCCTAAGGGTTATAGAAAAGATAAATTTGTTGGATGG
 ATTACTGAAGGCCTGCAAATGCAAAATGCTCCAAAGAAATTATTCAGAAACAGAAGTCTAATGGGCC
 AATGTCTAAAGAAATTTCCAGTTGGAATGAAGCTGGAGGCCGTGGACAGGAAGAACCCTTCCTTGGTGTG
 GTGGCGCCATAGCAGATATTGTTGAAGATCGCTTACTAGTGCATTTTGACAACCTGGGATGATAGTTACG
 ATTACTGGTGCATGTTAATAGCCCTTATGTCCAGCCAGTTGGTGGTGTGAGGAGAATGGAAGAACTCT
 GATAGCACCCCAAGGTTATCCCAATCCAGAAAATTTTTCTGGACAGAATACCTGGAAGCTACTCAAACC
 AATGCAGTTCTGCCAAAGTTTTTAAAAATGAGGTTGCCTCATGGTTTTCTGCCAAATATGAAACTTGAAG
 TTGTGGATAAACGGAACCCAGGTTAATTCGTGTTGCTACGATTGTAGATGTTGATGACCAAGAGTAAA
 GGTTCATTTTGATGGTTGGGACCATAAGTATGACTACTGGGTGGAGGCAGACAGCCCTGATATCCACCCG
 ATCGGATGGTGTGATGTCACAGGGCATCCACTGGAAGTGCCACAGCGAACGAATGACCTGAAGATCCTTC
 CAGGTCAGCTGTCTGTCTACTCCCGGGTCCGAGGAATAGGCCATATCCGTGGTCCAGTATTCGGG
 ACATCACAGTGTCTTTGGCTGCCCGTATTCAGACATGAACCTGAAAAAGGAGGCAACACTTCACGATCGT
 TTGAGAGAACAAACACAGGCAAATTTGGAATCAGACTTTCACATTCAAATCAAAGCCTCTGTAGTT
 TGAACCTCAATGGAAAACATGAAAAGGTGAACAGTCAGCCAGACTTGTACAGCAGGCAAAGTGTGTTGAA
 AATCAAAGGAAAAGAAGATATTGACTTGGATAATCTCTTCAGAGTGCTTGTGCTGCATCCAGAGGTTTG
 GAATACTCGGTGGAGCAGGCGCAGCAGGTGCTTACCAGTCAGTGTCCATGTCCACGGTGTGAGCCACC
 CTTTTCGGGACCTTCCCCTCGGCAGGGAGCAACTGCAAGTTGCTTCCAGGCGTGGCTGACATCCGGGC
 CAGCCAAGTGGCACGTTGGACTGTGGATGAGGTGGCTGAGTTTGTACAGTCTCTTCTGGGCTGTGAAGAG
 CATGCCAAGTGCTTTAAGAAAGAGCAGATCGATGGCAAAGCCTTCTGCTTCTGACACAGACGGACATTG
 TCAAAGTGATGAAGATCAAACCTGGGCCAGCACTGAAGATTTACAACCTATCCTGATGTTCCAGGCATTC
 CCAGGAACCTCCGAAGAAGATATTGCCTCAGGCCAAGAAGTCAGGGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Please inquire

ACCN: NM_173464

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	<p>This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.</p>
Components:	<p>The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).</p>
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_173464.3 , NP_775735.2
RefSeq Size:	3604 bp
RefSeq ORF:	1872 bp
Locus ID:	91133
UniProt ID:	Q8NA19
Cytogenetics:	18p11.31
Protein Families:	Transcription Factors
Gene Summary:	<p>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 (By similarity).[UniProtKB/Swiss-Prot Function]</p>