

Product datasheet for **SC202261**

LAP2 (TMPO) (NM_003276) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LAP2 (TMPO) (NM_003276) Human 3' UTR Clone
Symbol:	LAP2
Synonyms:	CMD1T; LAP2; LEMD4; PRO0868; TP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003276
Insert Size:	1340 bp



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Insert Sequence: >SC202261 3'UTR clone of NM_003276
 The sequence shown below is from the reference sequence of NM_003276. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTAATTA AAAAGCGTGGAAATAAACAC TAGTAAAATTAAGGCAAAAAGACATCTATCTTATCTTTT CAG
GTACTTTATGCCAACATTTTCTTTTCTGTTAAGGTTGTTTTAGTTTCCAGATAGGGCTAATTACAAAAT
GTTAAGCTTCTACCCATCAAATTACAGTATAAAAGTAATTGCCTGTGTAGAACTACTTGTCTTTTCTAA
AGATTTGCGTAGATAGGAAGCCTGGTACAAACAATTTAACGCTTCTAGATCACATATTAGTCTCTAAG
TTGTTTTCTGTTTCTGCTTACTTATGTTTTTACAATTCTCCAAAATAAGAAAATTCTAATTAGGAT
ATAAGGAGTATTTACTGTTCAATAGAATAATATGCATCCTCCTTTATACCTAGGACAGAATTAACATT
TGTTACACATTCAGAACAGTGATGTTGTTCTTTTTGATACTTTTATCTCAGTATCTTTTCCAGTTCCAT
AACTTGCCATATTTTTGCTCATATTTTCTTACTTTTCTTGTATTTTATTCATGTCTGCAACATCAAT
CATAGTAGTCTAGATCAATGCAACTCAAAGCACCAGTCTACAAACTGTTACTTATCCACAGGCAAGATA
AGCATGCACAAGAATTTAAATCTAGAGATACTTTTTAGGTCAATGACAGGATTTGATTTTTTAGCAAAA
TTTTATTAATAGCTAAAGCAATGTATTGATTTACACTCTGATGCAAGTAATTTATCTCTTTCATTGACTG
GTAGCAACCAATTCATGGACCAGTACCATGGACCACACTTTGAGAAACACTTCTTTGGATAATAATAGA
TATCCTGGGATAGTGCATGTTCCACCATCTATTTGTGCAGATAATGGGGCCTTTTAAAAAATAACTTTT
GCTTTTCATGATATATTGATTTTGTGGAAAGTTAAGTTTAGCAATATAGACTCTAAAAGCAAATTAAT
TTTTTAAAGCCATAAGAAATTACTATATCCCAGTATCTGTATGTCTGTATAAAGCAGTGTATTATCA
TGTTTTTCATTTCTGTGATTGTAAGTTAAGAGTCTTAAGTGCAGAGGTATTGTTGAAAGTAGTAGCCTTA
AGCATAATAAAAATATGGTCTCTTGGTACTCCCTCTGGCCATTACCACATTCTTAGATTATATGTGTCC
ATCTTTGCAGCTTCTGAGAGTAATTTTATTTGTTGTCTTCTGAAATGTACATGTATACATGTACCTAC
TGAGTGTATGTATTTTTAAAAATGATTACTGTAGAATGCTTCTGCAAATTCATAAAGTTGTTAAA
TTTGAACAGTGAAAAAAAAAAAAAAAAAAAA
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_003276.2](#)

Summary: Through alternative splicing, this gene encodes several distinct LEM domain containing protein isoforms. LEM domain proteins include inner nuclear membrane and intranuclear proteins, and are involved in a variety of cellular functions including gene expression, chromatin organization, and replication and cell cycle control. The encoded alpha isoform is broadly diffuse in the nucleus and contains a lamin binding domain, while the beta and gamma isoforms are localized to the nuclear membrane and contain an HDAC3 interaction domain. The distinct isoforms may compete with each other when acting to chaperone other proteins and regulate transcription. [provided by RefSeq, Aug 2019]

Locus ID: 7112

MW: 52.1