

Product datasheet for MC211523

Cltb (NM_028870) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cltb (NM_028870) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cltb
Synonyms: 2310046E19Rik; lcb
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211523 representing NM_028870
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGAGGACTTCGGCTTCTTCTCATCGTCGGAGAGCGGGGCCCGGAGGCCCGGAGGAGGCCAG
 CGGCCGCCTTCTGGCCAGCAGGAAAGCGAGATTGCTGGCATCGAGAATGACCCGGTTTCGGGGCACC
 TGCCGCCAGCCAGGTGGCCTCTGCGCAGCCGGGACTCGCGAGCGGGCTGGTTCAGAGGACATGAGTACT
 ACAGTCAATGGAGATGTGTTTCAGGAGGCTAACGGCCTGCCGATGGCTACGCTGCGATTGCCCAGGCGG
 ACAGGTTGACTCAGGAGCCCGAGAGCATCCGGAAGTGGAGAGAGGAGCAGAAGAAAAGGCTGCAGGAGTT
 AGACGCTGCCTCGAAGGTGACCGAACAGGAGTGGCGGGAGAAGGCCAAGAAAAGACCTGGAGGAGTGGAA
 CAGCGCCAAAGTGAACAGGTTGAGAAGAACAAGATCAACAACAGGGCATCGGAAGAGGCTTTTGTGAAAG
 AATCCAAGGAGGAGACCCCGGCCACAGAGTGGGAGAAGGTAGCCAGCTGTGTGACTTCAATCCCAAGAG
 CAGCAAGCAGTGTAAAGATGTGTCCCGCTGCGCTCGGTGCTCATGTCCCTGAAGCAAACACCACTGTCC
 CGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_028870
Insert Size: 636 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	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).
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:	<u>NM_028870.3</u> , <u>NP_083146.1</u>
RefSeq Size:	1576 bp
RefSeq ORF:	636 bp
Locus ID:	74325
UniProt ID:	<u>Q6IRU5</u>
Cytogenetics:	13 B1
Gene Summary:	Clathrin is the major protein of the polyhedral coat of coated pits and vesicles. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) lacks an alternate in-frame exon in the 3' coding region, compared to variant 1, resulting in an isoform (b) that is shorter than isoform a.