

Product datasheet for **MC228516**

Lcp1 (NM_001247984) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Lcp1 (NM_001247984) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Lcp1 |
| Synonyms: | AW536232; D14Ertd310e; LCP-1; Pls2; pp65 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC228516 representing NM_001247984
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAGAGGATCCGTGTCTGACGAAGAAATGATGGAGCTCAGAGAGGCTTTTGCCAAAGTTGATACCG
 ATGGCAACGGATACATCAGCTGCAATGAGCTAAATGACTTGTTCAAGGCCGCTGCCTGCCTCTGCCTGG
 GTACCGAGTGAGAGAAATCACAGAAAACCTGATGGCCACAGGTGATCTGGACCAAGATGAAAGATCAGC
 TTTGATGAGTTTATCAAGGTCTTCCATGGCTTAAAAAGCACCGAGGTTGCCAAAACCTTCCGAAAAGCTA
 TCAACAAGAAGGAAGGGATCTGTGCGATTGGCGGCACCTCTGAGCAGTCCAGCGTTGGTACCCAGCACTC
 TTAAGTCAAGAGGAAAGATATGCCTTTGTCAACTGGATAAACAAGCCCTGGAGAATGACCCCGACTGC
 CGGCATGTCATCCCATGAACCCCAACACCGACGATCTTCAATGCTGTAGGCGATGGCATAAGTCTTT
 GTAAAATGATCAACCTGTCTGTGCCAGACAGATTGACGAGAGAACGATCAACAAGAAAAAGCTCACACC
 ATTCACCATTGAGAAAACCTTGAACCTGGCTCTGAACCTGCCTCTGCCATTGGGTGCCAGTGGTTAAT
 ATAGGGGGCCGAGGACCTGAAGGAGGGCAAGCCTTACCTGGTCTGGGACTTTTGTGGCAAGTCATCAAGA
 TTGGGTTGTTTGCTGACATTGAACCTCAGCAGAAATGAAGCTCTGATTGCTCTTTGAGAGAGGAGAGAG
 CCTAGAGGATTTGATGAAGTTGTCTCCTGAAGAACTCCTGCTGCGGTGGGCTAACTACCCTAGAAAAAC
 GCAGGCTGCACCAAAATCAACCACTTCAAGCAGGACATCAAGGACTCCAAAGCTTATTACCACCTGCTCG
 AGCAAGTGGTCCAAAAGGAGATGAAGAAGGGATCCCGCGGTTGTGATTGACATGTCAGGACTGAGGGA
 GAAGGATGACATCCAGAGGGCAGAGTGCATGCTGCAACAGGCGGAGAGGCTGGGCTGCCGCGAGTTGTC
 ACAGCTACTGATGTTGTCCGAGGGAACCCCAAGTTGAACCTGGCCTTATTGCCAACCTTCAACAAAT
 ACCCTGCCTTACACAAACCAGAGAACCAGGACATTGACTGGGGGGCTCTGAAGGTGAGACGAGGGAAGA
 GCGGACCTTACAGGAATTGGATGAACCTCCCTGGGGTTAAACCCGCGGTCATCACTTGTACAGCGACTTA
 TCGGATGCCTTAGTCATCTTCCAGCTCTATGAGAAGATCAAAGTCCCTGTTGATTGGAACAGAGTAAACA
 AGCCTCCATACCCCAAGCTGGGGGGCAATATGAAAAAGCTGGAGAAGTGAATTATGCAAGTGGACCTGGG
 GAAGAATCAAGCTAAATCTCCCTGGTTGGCATCGCAGGACAAGACCTCAATGAAGGAAACCGAACTCTC
 ACGCTGGCATTGGTTTGGCAGCTCATGAGAAGGTACACACTGAATATCCTGGAAGATATCGGAGGTGGAC
 AGAAGGTCAATGATGACATTATTGTCAACTGGGTGAATACGACCTGAAGGAGGCACAGAAAAGCTCATC
 CATTGCTAGCTTCAAGGACCCAAAGATCAGTACCAGCCTCCCGGTTCTGGATCTCATTGACGCCATTGAG
 CCAGGTTCCATAAATGACCTTCTAAAGACAGAAAACCTGGATGATGAAGAGAACTCAACAATGCAA
 AGTATGCCATCTCTATGGCCAGAAAAATCGGAGCAAGGGTGTACGCCCTCCAGAAAGACCTGGTTGAAGT
 GAACCCCAAAATGGTCATGACAGTGTTCCTGCCTCATGGGAAAGGGATGAAGAGGGT**GTAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001247984
- Insert Size:** 1884 bp
- 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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).

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| 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_001247984.1</u> , <u>NP_001234913.1</u> |
| RefSeq Size: | 4007 bp |
| RefSeq ORF: | 1884 bp |
| Locus ID: | 18826 |
| UniProt ID: | <u>Q61233</u> |
| Cytogenetics: | 14 39.63 cM |
| Gene Summary: | <p>Actin-binding protein. Plays a role in the activation of T-cells in response to costimulation through TCR/CD3 and CD2 or CD28. Modulates the cell surface expression of IL2RA/CD25 and CD69.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.</p> |