

## Product datasheet for **MC200394**

### Lcp2 (NM\_010696) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lcp2 (NM_010696) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lcp2
Synonyms:	AI323664; BB161688; m1Khoe; SLP-76; SLP76; twm
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC006948 sequence for NM\_010696  
 GCAGAAAAGAGTCCTCTTCAACAAGGGTCTTCTGAGAGCATCTGGGAATCAGAAGAGCCAAGGACACCT  
 CAGAGCTCTGGATCTGGGCTTTTCCCCTGTTTCATGGCTGCATCGCTCTCCTCAGTTTGTGAGCCTCTCC  
 CTGTAGAGCAGCCATGGCCTTGAAGAATGTCCCGTTTCGCTCAGAGGTCTAGCCTGGAACCTCAGACAAC  
 CTCGCTGACTATTTCAAGAACTGAACTACAGGGACTGTGAGAAGGCTGTGAAGAAATACCACATTGATG  
 GTGCTCGGTTTTTGAACCTGACAGAAAAATGACATTGAGAAGTTCCCTAAGCTGAGGATGCCACTTCTCAG  
 TAAGTTGAGTCAAGATATCAACAAGAACGAAGAGAGAAGGAGCATTTCACACGCAAACCCAGATTCCA  
 CGTTTTCTTGAGGAGACAGAAAGCCACGAAGAAGACGATGGTGGCTGGTATCCTTTGAAGATGACTATG  
 AAAGTCCCAATGATGATGATCCAGATGGGGAGGACGATGGTACTATGAGTCCCCTAATGAGGAGGAACA  
 GGCCCTGGTGGACGATGCTGCTGACTATGAGCCTCCACCTCCAACAACGAGGAGGCTCTGCAGAGCTCC  
 ATCCTGCCCCCAACTCTTCCACAACACCAACTCCATGTACATCGACCGACCTCCCACTGGCAAGGTCT  
 CCCAGCAGCTCCAGTGGCCCACTGAGACAAAACCTGCCCTCCCTCCCTGCCAACAGGCAGGAATCA  
 CTCGCCACTGTCTCCACCCCATCCAACCAGAGAGCCAGCAGAAGTGGAAACAACAAGACAGCAAAG  
 TTGCTGCTCCATCAATAGACAGAAGCACAAAACCTCCCTGGACCGCTCACTGGCCCTCTTGACCGAG  
 AGCCCTTCATACTAGGAAAGAAACCACATTTTCTGATAAGCCCTCAGCCCACTGGGGAGGGAACATTT  
 ACCCAAGATACAAAAGCCTCCTTTGCCACAGCCATGGACAGACACGAAAGAAATGAAAGACTCGGACCC  
 GTGACAACGAGGAAGCCACCAGTCCAAGGCATGGAAGGGGACCAGACAGAAGAGAGAATGATGAAGATG  
 ATGTGCATCAGAGACCTTGGCCACAGCCGCTACTACCTCCATGAGCTCCAACACATTCCCTTCGAGATC  
 TGTCCAGCCCAGCTCCAAGAACACATTTCCATTGGCCACATGCCGGGAGCCTTCTCAGAAAGCAACATT  
 GGCTTTCAGCAGAGTGCCTCCCTGCCGCCATACTTCTCTCAAGGTCCAGGCAACAGGCCACCTCTCAGAA  
 GTGAAGGCAGAACTTACCCTTGCCGGTTCAAACAGGCCCTCAGCCTCCATCTCTGGGGAAGAAGAGAC  
 ACCCTTAGATGAAGAGTGGTATGTCTCTATATCACCCGACCAGAGGCAGAAGCTGCTCTGAGGAAGATA  
 AACCAGGATGGCACCTTCTGGTTAGAGACAGCTCTAAGAAGACAGCGAAACAATCCGTATGTCCTCATGG  
 TGCTGTACAAAGACAAAGTTTACAACATCCAAATCCGCTACCAGGAGGAAAGTCAAGTCTACTTGTGGG  
 CACTGGACTTAGAGGAAAAGAGGACTTCTGTCTGATCAGATATTATTGACTACTTCAGGAAAATGCCG  
 CTGTTGCTCATTGATGGAAGAATCGAGGGTCCAGATACCAGTGCACACTAACACACGCTGCAGGCTGTC  
 TGTAGCAAGTTAGCCAAGAAATGAGCCTTCTGACTTGGTGGTCACTGCGGCGAAATCACGTGACCTTAG  
 CAAATCGCCGAGCACTTAGGAGTAGACTGTTAACTCGGGCCAGAGTTCTGCCCTGCCCTTTTAAAGTAT  
 CTGAAGATTGTTGAATACCACATGATTTATTTATTTCTTTGATGTTTATAGAGTATAGAAGTATCATG  
 TTCACATTTGAAGTCTAAGAGTGCATGGCAGACATGAGATTTTGAACATCCATCCAAAAATACAGTACTT  
 GATACAGTACAGAAATAATGTGGAGCAAGCTGAAAAAGTACTGAAACTGGTCATTTTTGATATATTTTAT  
 AATGAATCTTTTGTGAGCCGAGGCATGTTCTGTTTTTACACAACCTAAAATGATTAATAATTCATTTTG  
 GAGCAGCAATAACTTAAGAGGCTCCAAAAAATAAATAAGAACTCCATCGTTTCTTATTTGGTTTTAC  
 AGGGTGTGTTTTATGTGTTCCCTTTCGTAATGAGATTAATGCATGTGGGGATAACTTCCCTGGGATTA  
 GTTATCGTTTGTCTTACTTTTTTCGATCCTTAAGACAACGTTGTTTGGTCCCTTGCTGTTATATTTTATT  
 TAAAGCAAAATGAAGTACCTTCTGAACATAACAAGAAGAAAATAGGCTTAGGTTCAAGTATGACGCTT  
 TGCTGTCAAACATGCTGGGCTTCTGTTGCTTCTTATCACAGACCCTCATGTCTCCATCCATGGTGGC  
 CTCCGTTCTAGTACTGAAGTCTCCTGGGAAGACGAGCAATGCTTGGTAAACACACACACACGCACACAC  
 ACACACACACACACACACACACACACACACACACTTCGAGCCTACCTCCTACTAGATGATACTTGCA  
 TTCGCTGGCCTTCAAGTTAGACAGTTTACTTTCTGGGATGGTGGCTGTTCCCTGTTTCTTTGGCCTGCA  
 ACAGTTATAGAGGATCATGAAGTGAGAATGTGAGGACATCCGTTCACTTATGTTGACTGGGAAACAAA  
 AGAAAGGACAAGAAGCACATTTCCCTCCATGTCTTGCATCTTCTGCCTAACTGGGCTTATCTCCTAAGA  
 TTCCACCCTGCCAATGCTGCCCTGGTGGGGGAGGGGGCAAGCTTCTACCATGTGGCCTTTGGAG  
 AATTCTATCCAAACCTCTGCTCTGGTTTTCTGCTTTATTAGCCCAACAAGTATGTTGCAAAACTGCTATC  
 TTGTCCTCAGATTGGCTTTTAAACCCTTGAAGCACCTCAGATCTCCTCAGTTTTGAAATCACACTTAA  
 CAAAAGGTAGAGAGAGATTTCTGGCCTATGTTGGTTTAACTTGCATTTTGTGCTTTCTGGGGCTAGCAGCAGATG  
 AGTGATGCTTGTAAAGCAGAACTGTACGTCAAAGTTTGAATTTTGTCTTTCTGGGGCTAGCAGCAGATG  
 CTATGAAATGTAAGAGTCTTGGCTAGCAGGTGATCACCAGGGCACCCATCAGTACTTTACATGTTTTATG  
 TTGAAGCTGATTTTTTCTTTTGTGGAGGGGCTGCTATGAACGCTCAATAAATTAATAATGCATTCAA AAAAAAAAAA

**Restriction Sites:** RsrII-NotI

<b>ACCN:</b>	NM_010696
<b>Insert Size:</b>	1602 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC006948</a> , <a href="#">AAH06948</a>
<b>RefSeq Size:</b>	3373 bp
<b>RefSeq ORF:</b>	1602 bp
<b>Locus ID:</b>	16822
<b>UniProt ID:</b>	<a href="#">Q60787</a>
<b>Cytogenetics:</b>	11 A4
<b>Gene Summary:</b>	Involved in T-cell antigen receptor mediated signaling.[UniProtKB/Swiss-Prot Function]