

Product datasheet for **MC221210**

Lca5l (NM_001001492) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lca5l (NM_001001492) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lca5l
Synonyms:	4921526F01Rik; Lcca5l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221210 representing NM_001001492
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGGTTGTGGACTATGTCTTTGGCTGATACAACAGAAGCACACAAAACGAGCATTTCCCGAGTCTGG
 CACTAGGAAGCAACAAGAAGTCTACAGAAGGCAAGCGTAGCCCTGGCGCTGGTGGCCAGTCCCAGAACAG
 CCAGGCTTCCAATGGGAGCGTGGATTACAGCAGGTCTCAGTGCTCCTGCACAAGCCTGACTTCTCACTAT
 GACTACTCAGAAGACTTTCTCTCTGACTGCTCTGAGACGGCCGTCAGGAGACTCCAGTCAGAGAAGCCTC
 TGGCAAAGGCGAAGGAGAAAAGGAAGTACAACGCTGGTAAACTCCCCAGCCTAGAGGCCAGAAGGACAT
 CCCAGCTGAGAAAAGCAATTCTGGAATGCTTCGTTGATCAGTTCTCAAATTCAAACGATTGCCAAGAGA
 AGAGACACCATGACACATCGGATACTGTACGCCAGGCTTCATAAGATCAAAGAGCTGAAGAACGAGCTGG
 CAGACGTACATCGGAAGCTGGAAGCCTCTGCCATAGAAAACCAATTTCTGAAGCAGCTTCAGCTTAGACA
 CCTGAAAGCCATAGGGAATACGTGAACCTCAGAACAACCTACCTCAAATCACAGCCAAGCACCAGAAT
 GAGGTGAAGAACCTTCGACAGCTCTCCGAAATCCCAGGAGAAGGAGCGAGCTGTGCCAGGAAATCC
 GAGAAACCGACGGCGAGTTACTGAGGACCAAAGACGCTTTGCAAGCCCTGCAGAGACTCTCAGAAGACAA
 AAACCTTGCAGAGAGAGAAGAACTGACTGACAGGTTGACCGACCTTACAGCCAAAATGGAAGCAAATGAT
 AAAAAATACAGAACTTGGAAAAACAGCTGCGACTGAACAATCGGTCTACAGTCGACAGCTGGCCAAAAG
 AAAATCGGAAGACGTTAGCAGCTCAAACAGCAACAAGACTCTGCAGGCAGAAGTGAGACAGCTGCAGCA
 GAAGCTTAAGGAGAAGGACCGTGAGCTGGAGATCAAAAACATCTATACGAATCGAATACTCAAAAACCTA
 AATGATAAGGAAGACTATCCGAAAGTTTCTTCAACGAAATCAGTGCAAGCGGACAGGAAAAGCCTGCCAT
 CTGTAATAATGAGACACCAGGAAACTCAAAGTCAGATGTCCCATTTTGGATAACCAAGGGTAAAAGGGG
 GAAAGGAAACATTGCTCATAAAGAAAAATCAACAGAAACAAACCATGATATTCCTTACTATGTGTGTAAG
 CTACCAAAGCAAGAAGAGTCTAAGAGAAAAATGAAGCCAATCTCACGGTCTTAAAGAGCATGCCATCTC
 CTCAGCTTCTGGGACTGGTGGCCACTGAGCAGATCTGTGCCTTCCATCTGGAATGCTACTCTTGTAC
 CCATACAGCAGATTTATCAAAGGAGGTGAAACACCGGAAACCACAAACCTCTCTGGAACTCCTAGGAGG
 CCAAAGAGAATAAGGAAGACCAAGAAAAGAGAGCCATCCAGCAGAGGCAGAGCCAACCTGCAAAGGAAA
 GCGAGGCCACAAGGACGCCGAGGATAAGGCCCTGACCAGGGCGGCCGGCAATGCAGGCGATGCAGGCGA
 TGCGGGCGATGCCGCAATGACCGCGAGGTGGTGGGGAGCACAAAGTGGTGGAGCGCAAGAGGTGGTC
 GGGGCACAGGAGCTGCCGGGGCAGATGAGGCGGACGAGGTGCACGGGGCGGGCAGGCCCGCGCGATG
 TCGAGCCCGGGCCGGCAGGAGGAAGACCCCGGGAAGCACTACTCCTTACCGAGGCCACCGAAAACCT
 GCACCACGGGCTGCCACCTCCTGCAGGCAAGTTTCGGGCAGCCCGCACTGCCGCTGCCGCCACGACATG
 GGCAAGCACCGCAGCGAGCAGGAGCTGCCGCTGGAGCCTGCCGGTACGAGCCCTCGTTCGGCAAGGGGG
 CCGGGCCAGGGCCAGGGCCAGGGCCAGGGCGACGGCAATCCGCGACAGAAAGAGCAGCCTCATGGAGGA
 GCTGTTCCGGCGGGCTTCGCGGGCAGGGCGGGCTCCAGCGACAGCGAGGCGAGTCAGCAAGTCCCGCAG
 ACGGGGCCAGGCCTCTGCCGCAACGCCTTCGGGACTCTAGAGCCACCGTGGCGGGTCCATCCAGG
 CCTCGCCACCGAAGCCAACAGGAAGACTGTTGTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001001492
Insert Size: 2208 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).

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_001001492.2</u> , <u>NP_001001492.2</u>
RefSeq Size:	3170 bp
RefSeq ORF:	2208 bp
Locus ID:	385668
UniProt ID:	<u>Q8C0X0</u>
Cytogenetics:	16 C4