

Product datasheet for MC218029

Lctl (BC030631) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Lctl (BC030631) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Lctl |
| Synonyms: | E130104I05Rik; KLPH |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| Fully Sequenced ORF: | >BC030631 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACCCGATACTTCAGTGACTATGCTGACCTATGCTTTGAGGTCTTTGGGGACCGAGTGAAGCATTGGC
TCACATTCAGTGATCCTCGGACAATGGTAGAAAAAGTTATGAGACCGGTCTCCACGCACCAGGCCCTGAG
GCTCCAGGGCACTGGCCTATATGTGGCTGCACACCATATCATTAAAGGCCACGCCAGGCTTGGCATTCT
TATAATAACACGTGGCGCAGCAAACAGCACGGCCTAGTAGGGATCTCACTGAACTGTGACTGGGGGGAAC
CTGTGGACATCGACAACCCGACGATATTGAGGCTGCTGAGCGATACCTACAGTTCTGTCTCGGTTGGTT
TGCCAACCTATTTACGCTGGTACTACCCCAAGTCATGAAAGACCACATTGGAACAAAGAGTGCCGAG
CAAGGCCCTGGAGATGTCGAGGTTGCCACGTTCTCCCTGCAGGAGAAGAGCTACCTTAAAGGCACATCTG
ACTTCTGGGCCCTGGGCCATTTTACCACTCGATACACTCAAAGGAAATATCCCTCCCACCAGGGGCC
CAGCTACCAGAATGACCGTGACTTAGTGGAGCTTGTGGACCCAACTGGCCAGAAATGGGATCCCATGG
CTCTATTCTGTGCCGTGGGGATTGAGGAGCTTCAACTTTGCCAGACTCAGTACGGTGACCCATCCCA
TATATGTGACAGAAAGTGGAGCGCCCAAAAGTTACATTGCACTCAGTTCTGCGATGAGTGGAGAATCCA
GTACCTCAAAGGATACATCAATGAAATGTTAAAAGCTATAAAAAGATGGCGTGGATATAAAAGGGTATACT
TCTTGGTCTGTGGATAAGTTTGAATGGGAGAAAGGCTATGCAGATAAATATGGATTCTACTATGTTG
AATTCAATGTGAGAAACAAGCCTCGCTATCCCAAGGCTTCTGTGAGTATTACAAGGAGATCATCACAGC
CAGTGGGTTCCCAAACCCACAAGAGGTGGAAAGTTGGCGTCTCAAAGCCTTGAAACTTGTCCATCAAC
AACAGATGCTTGCCACAGGAGACGTGGCTGAGACGGATCTCCTCTCCACCTTCATCTGTCAAAGCATC
TCTTCAGGATCACTCTTCTTTCTGCTGCAGAAGTTCACGTGATGTCTATTTTTCAGGCTCTGAAAATTA
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------------------|---|
| Restriction Sites: | Sgfl-Mlul |
| ACCN: | BC030631 |
| Insert Size: | 1191 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>BC030631</u> , <u>AAH30631</u> |
| RefSeq Size: | 1394 bp |
| RefSeq ORF: | 1190 bp |
| Locus ID: | 235435 |
| Cytogenetics: | 9 C |
| Gene Summary: | Plays a role in formation of the lens suture in the eye, which is important for normal optical properties of the lens.[UniProtKB/Swiss-Prot Function] |