

Product datasheet for MC218357

Crlz1 (BC022994) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crlz1 (BC022994) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Crlz1
Synonyms:	2400011K09Rik; AW557551; C87704; Crl1; Crlz1; Sas10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC022994 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGAAGAAATCACGGCGCGTGGAGCGGCTCAGTGGGCCCGCTGCGGGCCAGGCAGGTCTACCCG
CCACGGACGAAAATGAGGACGACTTGGGGTTGCCGCCCTCCAGGGGACTCCAGCTACTACCAAGACCA
GGTAGATGAGTCCATGAAGCGGATCTCGGGCAGTCTGGCCAAGGGCTGGAACGAAGTCGAGAGTGGG
GAGGAGGATGGCGATGAGGAGGAAGAGGTGCTACCTCTAGATATTGATGATGGAGATGACGAAGATGGAG
AGAGTTCGGAGGAGGAGGAGGTTGGAGAGGATGATGACGGCGGAAGCTCCGTGCAGAGTGAGGCTGAGGC
CTCTGTGGACCCTAGCTTGTCTGGGGTCAGAGAAAAAGCTTTATTACGATACGGACTATGGTTCCAAA
TCCCGAGGCCGTCAGAGTCAGCAAGAAGTAGAAGAGGAGGAAAGAGAAGAAGAGGAGGAGGCACAGATAA
TTCAGCGGCGCTTGGCCCAAGCCCTGCAAGAGGATGATTTGGAGTCGCTTGGGTGGAGGCTTTGCAA
GCCGGTGCCCGAGGTAGACGAAGCTGAGACAAGGGTTGTGAAGGATTTGGCTAAAGTCTCGGTAAGAG
AAGCTGAAAATGTTGAAGAAAAGAAATCACCAGAGCTCTTAGAGCTCATAGAAGACCTCCAAGCAAGTTGA
CAGAGGTGAAGGATGAGTTAGAACCCTTGTACAGTTGGTGGAGAAAGGGGTCATTCCAAGTGAAGAGG
AAGCGAATACCTGAAGACTAAGTATAATCTCTACTTGAACATTGCGCCAACATTAGCTTTTATTGATC
TAAAAAGCCCGGAGAGTCCCTGCACATGGACATCCTGTTATAGAAAGGCTTGTACCTACAGAAATCTGA
TCAACAAGCTGTCGGTTGTGGATCAGAACTGTCTCTGAAATCCGTACCTCCTCACAGCCAAGGATGG
TGCTGTAAAGAAAGAAATGACTCCAAAAGCAAAATTAACCAAAACCAAGCCCAAGTCTGTAAAGCAGGCT
GCTGCTGTTGCCCTGACTGATGAGCCTGATTTTGGATGGGGCTGCTCTCAAGTACTATAAGGAAATGGAAG
ACAGGCAAGAGTTGAAGAGAAAGAAGGAAGAAAACAGTGTGAAGAACAGGCTCTCGAAGAACAAAATGC
AAAGAGAGCCATTACCTACCAGATTGCTAAAAATAGGGGACTTCCCCCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	BC022994
Insert Size:	1242 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:	BC022994 , AAH22994
RefSeq Size:	1420 bp
RefSeq ORF:	1241 bp
Locus ID:	65961
Cytogenetics:	5 E1
Gene Summary:	Essential for gene silencing; has a role in the structure of silenced chromatin. Plays a role in the developing brain.[UniProtKB/Swiss-Prot Function]