

Product datasheet for **MC223459**

Bicral (NM_001100452) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bicral (NM_001100452) Mouse Untagged Clone
Tag: Tag Free
Symbol: Bicral
Synonyms: Gltscr1l; mKIAA0240
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223459 representing NM_001100452
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGATGACGATGACTCCTGTCTCCTCGATCTTATTGGAGACCCACAAGCATTGAACATTTTTCTGC
 ACGGACCTAGCAGTAAATCGGGCAGCGATGATGTGACGAACGCAGGGTATTCTGCAGCCAATTCTAATTC
 AATTTTCGCCAACTCCACGAACGCTGACCTAAATCGGCCCTCAAAGGTGTGAGTGACCAGCTTGGGGAG
 GGGCCAGTGATGGGCTGCCGTTGCAAGCAGCCTTCAGTTTCTTGAAGATGAACCTTGAGTCTTACCTC
 TCCCCGATCTCAGCGAGGACCAACCCCTTGACATCTTTCAGAAATCCTTGCAAGGAGGCTAATATCACTGA
 ACAGACATTGGCAGAAGAGGCGTACCTGGATGCCAGTATAGGCTCAAGCCAACAGTTCGACAAGCCAG
 CTTTCATCCTTCTTCATCAGCATCCTTTACTCAGGCTTCTAATGTTTCTAATTACTCAGGTCAGACACTGC
 AGCCTATCGGGGTGACTCAGTGCCTGTTGGAGCATCGTTTGAAGCAATACAGTGGGTGTGAGCATGG
 CTTTATGCAACACGTGGGGATCAGTGTCCAGCCAGCATTGCTAACAGCAGCCAGATTAGTGGCTCC
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 CCATTTAACAGCACAAATTTCCAGGCATCTTTACCCGTGCATAACATCATTATTCAAAGGGTCTTGAC
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 CCTCGCAGGCAGTGAGCGGCACAGGGGGCAGCATCGTCATCCATTCGCCATGGGCCAGCCTCACACTCC
 CCAAAGTCAGTTCCTTATACCCACAAGCCTTTCTGTGAGTCCAACCTCGGTGCACCATGTCCAGGCTATA
 AACGGGCAGCTGCTTCAGACTCAGCCCTCCAGCTCATCTCTGGCCAAGTGGCCTCTGAGCATGTATGC
 TGAACAGGAATTCTCTAACATGCTCAGGACCAACCAACCATATTCGGGACAGATGCTTAATAACCGAA
 TACCGCCGTCCAGCTGGTGTCTGGGCAGACTTTTGCCACCTCTGGAAGTCCAGTGATAGTCAACCGCC
 TCTCTCAGATCGTCGGGGACAGATGCCCTTGCAGCAGGCCCTACCCACCGTGTACACCTGTACCTG



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GGCAGAGCAGTGTTCCTCCAGGGAAGGCCAGGCTTCGCCACCATGCCCGCGGTGAGCGGCATGGCAGGACC
CGCTCGGTTCCCGCCGTCAGCTCAGCTAGCACTGCTCATCTACTCTTGGGCTACGGTGCAGTCGGGG
GCACCGGGATCAAACCTTACGGGAGACCAGCTGACACAAGCCAACAGAACGCCAGCGCCCGTCAGTGTGT
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AGGGCCACCGCAAAGCTTGCCAGGCCAGATCAGGCTCTGAGAGCAAGCTCCCCGGCGTCTGGCCAG
CTCGCACATGGAGATGCCCTGTCTGACTCCTTCCAGGACAAAGCGTGAGGAATTTCCCAAAGAATGAG
GTTTTACACACAGACATCATGAAAGGTCGGGTGAGCCCCAGCCAGATCTCCAGCTACCAAGAGCCTAG
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CCGGACCACAGTGAAGGCGTTGTAGAAACGGACTCCATTTAGAACAGCTGTAATAAGTATTCTAGAGT
GTAA

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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001100452
- Insert Size:** 3225 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:**
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:** [NM_001100452.1](#), [NP_001093922.1](#)

RefSeq Size:	6579 bp
RefSeq ORF:	3225 bp
Locus ID:	210982
UniProt ID:	Q8CHH5
Cytogenetics:	17 C
Gene Summary:	Component of SWI/SNF chromatin remodeling subcomplex GBAF that carries out key enzymatic activities, changing chromatin structure by altering DNA-histone contacts within a nucleosome in an ATP-dependent manner.[UniProtKB/Swiss-Prot Function]