

Product datasheet for **MC224634**

Crybg2 (NM_001162970) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Crybg2 (NM_001162970) Mouse Untagged Clone
Tag: Tag Free
Symbol: Crybg2
Synonyms: Aim1l; MGC183649
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224634 representing NM_001162970
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAAGAGACAGCTGGGTGCGCGGCCGAGCTGAGGCCGAGTGGTCAGTGCCACATTGACATGGCGCC
 AACGGCCTCCTGTCCAGGAAGAGAGCAGACACCGTTTTTCACAAAGTGTCCCTGGTGTGAGTGGCAGGAT
 GGAAGCCCCACAGGACGTGTTTGTAGCACAGCTTCCGGCGAGAAGAAGTCAATGGCTTTGTTAAAAAGGAA
 GAAGAGACTGTCAATTGCCAGGGTCTGGGGAGGAGCCTGGATCCACGAAGTCCAGAGCCATGGACCCA
 TCTTTTCCAAGAAATATATTCCACCCCCAAGGAGAAAAGGCCAACAGTGAGGGTGCAGGAGGCTGCGGA
 TTGGGGTGATGGTGGCCCCAGGCTCTAGAACTGAACTACCAGGCATGGGATCCATGGCTCGGACTGAG
 TTATTGGTGCCCTTGCTGGGCCCTCGTGAGCCTAGTCCGATCCTCACGTGGGCGTGCAGCAGCGCGTT
 CCAGGAATCGTGAGGAATGGCGTGTGACGCGCACGGTGGGACCACACCACCAGCTGTGGTGGGAGG
 CCATGTGGACCGGCGAGTGAGCAGCTCTGTGAGCGTGGGACCATCAATGTCAGGTGAGACCCTGCCAAGG
 GGCCGCAATGTGACCCGAACGGTCCGGGAGTGTGGTGGAGCCAGAGCTGAGGGCTCACCCAGCCGCA
 GCCAGGCCCTGGAAGTGTGAGCAACCTCATGCCCGTGGAGCGCATCCCCCTGCCAGCCGAATTTCAAG
 GCTCACTATGCTAACGCTAAGGGGCTCAGGCCAGGTGGCACAGTGGGGACGACGCTGGGACAACCACTC
 GAGATCAGCACAAGTGTGAGCTGAAGAATAGCATCTCAGCCCTGGCTCCAGTCCGCGTCCCTGCGGTTGATA
 GTCCTGCTCAGAACATAGATATCCCTGTAGCCATCCAATCCGAGACCAAGGTGGAGTCTCGGATGCCAG
 AACTGAGGAATCTTCAAGGCTGCAGGGAGCCTCCAGTGTCTACTTCTCAACCAAACTTCTCAGAGCCAA
 GTCCCAGCATCTTCTCCCAAGCCCCAAACCTGTGCCGCTCCTTGACTCAGTCTCCAGAGCAGCCTG
 TGGTGCCCGCACACCTCGAAGCCAGTCCACCCCTCACGTTCTGCCCGTGTGAAAGAGAAGTTTACAGG
 TCTCTACGGTCCCTGTCCCGCCACGGCAAAGGGCGAGTTACAGTGCCTGAACACCTCCGAGCCCG
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 CCAACCACGGTTTTCAGAATGCAGAAGGAGTCTTCCATCAAGAAGGAGGTTGGCCAGTATCCCCAAA



ATAGCCCTTCTCCCTGTTCCGTTCCCTGCAAAGAGACTGTTGAAAGCCCCACCTTCCCTGCTCCCCTGCC
 CCCCAAACAGGACGAGGTGGTCCGAGATTCTCCAGGGAATTCCTCTCATCACCTACCCCAAAGGGAAGT
 TTCCAGAGCCCCCCTTTGCCCATCTTCTCAGAGGCCAAGGAGTCCCTCAGTCTAGAAGGCTCTCCGG
 CCTCAAAGCCAATGGGAGCAGAGGTGAGCAGAGTCCCAGACCTCCAGACTCCACTGAGGGGAAGGT
 GCCCTCAGAGCCATCTGAGGAGGAGGACGAAGCAGCCTTGACTGCAGACCTGGAGATTTCTGGATACT
 CTGAGGAGCATGGAGCCCCCTGAGATCTCCGAACCTACCGATTGCCCGAGCTCCACGTTCCTCCTACC
 TGGCTATGTACGCCACGCTCCCCGACATTGAAGAGGATCAGCTGGGGCCGTGTGTACCAGGGCCCCGTCC
 CCAGGAGAGACCTGTATTGGAAGAGGAGGAGGAGGAGGTGGAGGAGGAGGAGGAGGAGCTAGAGAACCCT
 TATCTCAGTGATGATGAGAAGCTCCGGAGGAGGACGAGAGAAAGCAGGGCCCCGCCCTCCCTGGGTCTCC
 ACCCACCCACGCCGCTAAGGTCACCTGTTCTCCCATGGAGATGATGAAGAAGCTCATAGCTGGACAAGG
 CCCGGAACCTCAGCCAGTAACCGACCTACTTCCCGCTGGGAGGACGCTTCTCTTTGGCAATCTGGTG
 CCAGCCAACAAGGATGCCCTGCCCTAGAACCCTAGGCACAAAATATCTGCTGCCACCCACGGAG
 CACCAGGGGTCAAGAAGGTGCCAGGACAGTTGCCCTTGTCTGCAGCGGAAGGCCACCTCCAGAGAAGCC
 AGCACCTATCGAGCCCCAGAAGGTGGAGCCCAGCACCGAAGACCCAGGGCAAGCTGAACACCAGGCCCT
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 AGAGTTCGGGGGAGAGAAGCTGTCGTTGCCGAAGGGGATGTGGAACCTCAGAGCCCTGGCGTGTGGTGG
 AGTCTCCAAGGCTTTGGCTCCCTGAGGAGGGCTGTGCAGGACTACTGCACTCCCAGGATCAGCCTGTTCT
 CTGAGGAGGGCTCAAGGGCAAGCCAGTGACGCTGACTGGAGACTTGAAGACTCTCAAGGTCTGGAGAG
 ACCCTACAGGTGGCATCTGCCACTGCACTGCAGGACTGTGGCTGCTTACCCAAAGCCATTCTTTGAA
 GATACTCCCTATATCCTAGAGCCCGAGAATACCCTACATTGGAGGCTGGGGAACATCAGGCCCCAGTG
 TGGTTTCACTAAAGCCAATGAGATTGGGCTGCCAAGCGTGGAGAAGCCAGGGGAACCAAGGCTGTGGT
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 GAGGACAGCCAGAGTCCCCAGCTGACCTCCGTGGGGTCCCTGCGAATCCTTGGGGGCTGCTGGGTAGGCT
 ATGAGAAGGAGGGCTTCCGGGGTACCAGTACCTACTAGAAGAGGGCGAATATGCTGACTGGTCAAACCTG
 GGGAGGCTACGATGAGCTGCTGACCTCCCTGCGGGTCACTCCGGACGGACTTTGGAGACCCGGCCGTGGT
 CTGTTTGGAGACATGGACTTCCAGGGACACAGAGTGGAGGTGAGTTCTGCACTGCCGGATGTGGAGCTAG
 CCCAGCACGGACCCAGCACGCAAGCCATCCACGTGCTCAGCGCGTGTGGGTGGCCTATGAGCGGGTTGG
 CTTCTCCGGCAACAGTTTCACTGGAGAAGGGCGTGTACCGTAACTGCGACGACTGGGGCTCCGGCAAT
 TGCGCCCTTGGTCCCTCAGCCAGTTGTGCAAGTGGGGGAGAGCGATCTTCACTTGTCCACGAAGATTC
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 GCAGACCAGCACATTGTGTCAGAGGGCGAGTCCCCACTCTCACGGCCATGGGCTGCCTGGCCTCCACGG
 TCCTGGGCTCTCTCCGGAAGGTTCCGCTGCACTTTTCCAGACCTTCCCTGTCCCTCTTTGGCCTCGAGTG
 TTTCCGAGGGAAAGGAGATCGAGCTGACTGGGGAGGTGCGAAGCCTGCAAGCCGAGGGCTTCAACAACCAC
 GTGCTGTCTGTGCGCGTCAAAGGCGGCTCTGGGTAGTGTGTGAGCACAGCGACTTCCGGGGCCGCCAGT
 GGCTAGTGGGCAGCTGTGAGATCACTAAGTGGCTGACCTACAGCGGTACCCAGAGGGTGGGCTCCCTCTA
 CCCTATCAAACAGCGCCGAGCCTATTTTCGCTGTGGAATGCGGCACTAGGGGGATTCTGTGAGTGCCT
 GATCAGTGGAGGACATGAAAGCAGGCGCGTGGTGGTCTCCGAGCCCCAAGCTGGGGGCGAGCTGCATCT
 GGTAATGAAGATGGCCTGCTGAAGAACCAGATGGCCCCACCATGAGCCTACAGGTGATTGGACCTCC
 TAGCCCAGGCTCCAAAGTACTATAGGCGGAGAGCCGCTACCACGCCAAACCTGGAGCATCAATGAA
 TTGGGTACATCTGCAGCCAAATGTTTGAAGGCCAGATCCTGGATGTGAAGGGCGGACGAGGGTATGACC
 GTGACCATGTGGTGTGTGGGAACCAACCAAGGACAGACTTTCCAGATCTGGACTGTCCATGTACTTTG
 A

ACGGCTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001162970
Insert Size: 4551 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_001162970.1</u> , <u>NP_001156442.1</u>
RefSeq Size:	4781 bp
RefSeq ORF:	4551 bp
Locus ID:	230806
Cytogenetics:	4 D2.3