

Product datasheet for MC224830

Crybg1 (NM_172393) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Crybg1 (NM_172393) Mouse Untagged Clone
Tag: Tag Free
Symbol: Crybg1
Synonyms: AI462491; AI463325; Aim1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224830 representing NM_172393
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAAAAGAGGTCAAGCGGCCCGGTCTGGTCGGCGGAGGAAGTCGCAGAAATCCACCGACTCCCCGG
 GTGCGGATGCGGTGGCTCCCGAGAGTGCAGCAAGGACGAGGCGGTGTTTCGACGACGAGGTGGCGCCAGA
 CGCTGCGGCTGAGAACTGCTTGGCGGAAAGGAAAGTAAATCGGTACAAGCGGTTCCCGACGGAGGCGCA
 GCCCGGTCGCTGCCCGAGCCAAAGGCCAGCTCCTGCCCGAGAGGGCAACCCCGAGGGGAACCGGACC
 GCAGCAAGCCCCTGTCGCCACCAAGCGGAAGGGTTCGCAGCCGTGTCGCCGAGGCGGTGCCAGCTCGCC
 CGGCAGTGGCTCGCGCGCTCCCGCAAGGAGTCCCCACCAAGAGGGCGCCCGCTGCGGGCGACAGCGGC
 GAGGAGGCGGGCCGCTCGTCCCGCGGAGCTCACCGTCAAAGCAGCTCGTTGCTGCCGAGATCAAGC
 CAGAGCACAAGAGGGGTCTCTGCCACCACCTTTGATAGCCGGGGCGACGGGGTTCGCAGCAGGGGAAC
 AGGAGCGTCCGACGCGGACGGCTGAAGCCAGGAACAGTTCGGTGTGGCAGGTCTACTGTGACCACC
 AAAGTGACCTCCCGCCAGACCCAAACATGTGAACTAAATCTGAAACTCCGAAGAATCCTGACAGTT
 TGGGAAATGAGCACAACATTTAGCCAGCCAGTTCATAAGGGGAACACAGCCAAACAAATCTCCTTATT
 TGAACAAGCGGCTAACAGTAGCCCCGCCACCCGAGCTCCGTAACACAAGGAACAATCCTCCCTCT
 AGTAAGACATTTGTTGGGAGGGCAAGCTGAACTTAGCCAAAAGGCCAAAGAAATGGAGCAACCCGAAA
 AGAAAGCTGTGTCAACCAGCCACCAAGATGGCCTGGTGGTCAAAGAGCCATCTGCAGAAGGGAAAGGCAC
 AGCAGTCCCTGTCCCGAGAGAAGAGATTCGTCAGCCACCGAGGAGGGGAAGGAGTCCACCAAGGAT
 CAGGTCTCCGCCCTGAGCTGAGCAAAGTGATAAGCTGGATGTACAAACAGACTGCCTATCCTTCCC
 ACCCAGGGCCACTGCTCTGTTCTGTGAAGGACTCTGAGCTCTCAGGAGAGGGCCAGCCAGAGGCTGC
 TGACAGCAAAGGCCCGTCTTAACAACACAAGTGTGTTGCACAGGACATCGCTGCCATTTGTGATGCC
 AGAGAGGCTCCCCAAAGCCACAGGATGCATTTCTGACTCACAGCCAGCTTCAGCGGCTGAGTCAGCTA
 GGGAGTCATCTCCCGCTTCTGCACCAATTTCTGTGGAGCTCCCAAGATGGCTGTGTTCAAGTTCC
 CATATGACAGTGTCCCTGCACTGCTCTAGAAGTGTGAGAAACCAATGGGTGTGTTTCGCCAGTCTCT
 CCTCACACTGAGAAAACCTCCATCTCCAACCTGGAGTGGGAGAAGCCAGTCCCCCTTCACTCCAGAGC



ACAGCCCAGAACTATGGGGAAAGACTGTCCCTCCAAAGTCTCTCGTCCAGGTCCGGTCTTTGTGCTTCC
 CGTGGAGAATCCTCAGGATGTGAGCTCTCAGGTATCTCAGAGAGCTCTGAAGTTAGAGAGGCACAGCTG
 CCAAGCTGTCACAGTAATGAGCCTGAAGTGGTGTCTGTACCCTTGTGTTCCGCAGCAGAGGATGCAC
 CAGACACATCACCAAGGACATCCATCAGAGAAAGGACATGTGGCACAGTCTCGACCACACATCACACA
 GTCAGGACCTGAGAAGGCTCCGCCATCCAGAGCAGCAGTGGATGCCCCAGACAGCGGATTCATCCTC
 ACCCACTCTCCAGCAGCAGAAGTATGCAGAAGGCCCCCAAAGGCCAGGTCAAGATCCGACCAGCCAC
 TTACCCCTACCAGGCTTTTGAACATTTCTGCTGGTAGTGACAATAGTGTCTTGGATTCTTCTTGATAT
 GGAAAAATTCAGTGAAATTTAAAAAAGATGGACAGTGCAGTATGTGTGCCCCAGAAAAAGAAAGGCC
 CGGGTCCCAAACCTCTCCAGCCCTCACTTCGCTATGCCTCCCATTCACGAGGACAGTTTGGAAAAAGTGT
 TTGATCCCAACGTGTTACCATTGGTTTAGGGAAGAAGAAGGAAAGCCTGGCAGAGGTGTACCAGCTTT
 GCATTGTTGCAGAACACGACCCCATATCCAACTGAGAGCCAAGCGTGCATCCACCGAGCAGAGCATC
 GTCTTCAAGTCTTGCACACTAACAGTAATGGGAAGAGCGAGCCACAGACCCTTCAAGCAAGTGACA
 AGGAGAACAGGGACATCAACAGCGCGCGGTTAAGAGGTACGGGTAGAAAACAGCAGCTTTTCTCAAG
 CATGCTTTCTTCTGCCACAAGACAAAGTCTTTCTCCCTCCGTGACGTGACGTAACACAATGAGCACA
 TCTTTTAGCACTTCTCAGAACAGCTCCGTATCTCAGTCATCAGTGTACAGCCAGGAAGGAGGGTGGCC
 TGCCCTGTGGCTCAGACAAAGAACGCCACACCTTGACCCCACTCCTTAAAGGTCTTCAATTTCAA
 TTCATCAATACATCTCGTCTGGGTTCCAGCCACATGGAAAAAGTCCCAAAAAAGGGGAAGCAAGGAA
 GATGTGAATTTCTCAGGGCAACCTACAATTGCCAGAAAAAACCTTTTACAGCTTACCCAACTGAAGAACA
 GCGATGGCGTGGAAAGGTTCTGAAGTCAAACCTGCCAATGTTGGGAGCGTGGACGCGGACTTCTGGG
 CCTTTTCAAAGCAAGCCGGTATGACCCAGGCCATTCCTTTTCTGGAATGTCTTATCAGACTCTATGACT
 CTTAGAGGAAGTATGCACAGCAAACCAACCCCGGCTGGCAAGGTAGTGATATTCAGTGAGCCCGACG
 TCTCTGAGGAGTGCATTGAGGTGTTGGGACATCCAGGACTGCAGTCTTGGCGCTCTCTCCAGTGAT
 AGTAGTGAAGTTGTCCGAGGATGTTGGATTTTGTATGAGAAAGCCAATTTTGAAGGGCATTCTCTTGCT
 TTAGAAGAAGGTGAACCTGGAACCTCTAGTATCTGGGGAACAGAGGAAATGTTGGATGAAGAAGCAGAGT
 CTGATAAACCTGTAGTGATTGGTTCCATCAGACACGTGGTTCAGGATTACAGAATTAGTCAGATCGACTT
 GTTACTGAGCCTGAAGGGTTAGGACTCCTGAACTCGTACTTTGATGACACTGAGGAAATGCAGGGCTTC
 CCTGTGATGCAGAAGACGTGTTCCATCAAAGTGCAGTGGGCACATGGCTGATCTATGAAGAGCCTGGAT
 TCCAAGGTGTCCCTTCACTTGGAGCCCGGAGAATACCCTGACCTATCCTTCTGGGATACCGAGGAAGC
 GTACATCGGATCCATGCGCCTCTGAAATGGGTGGCCGTAAGTTGAATCCCTACAGATCCAAAGGTA
 GTTATTTATGAAAGCCTTCTTTGAAGGAAGGTGATGGAGCTAGAAACAGAAATGAGTAGTTTTATCA
 TGAAGGAGGTGAGACAGAAGAAACAATGAAACAACAACCTGCCCTTACATCCGTGGGTCTATGAA
 AGTCTAAGAGGGCTCTGGGTTGCTTATGAGAAGTGTGGTTCAGTGGCCACCAGTATTTGCTGGAGGAG
 GGAGAATACAGGGACTGGAACGCCTGGGGAGGCTACAATGGAGAGCTCCAGTCTCTGCGGCCTATATTAA
 GTGATTTTTCAAATGCGCACATGATAATGTACAGTGAAGAAGTGGCTCCAAAGGTTCCAGTATTGA
 TGTGTTGGAAATGTTGCCAATTTGAAGGAGACCGGCTACGGAGTGAAGACACAGTCAATCAATGTACTG
 AGTGGCGTGTGGGTAGCCTATGAAAACCCGACTTACGGGGGAGCAGTATGTCTGGATAAAGGCTTCT
 ACACCAGTTTTGAGGATGGGGAGGCAAAAATGTAAGATCTCTCCGTCCAACCCATATGCCTGGATTC
 TTTCACTGGCCCCAGGAGACGAAATCAGATTCAGTCTTTTTCAGACCAAGTCTTGCAGAGTTTTGGGAGGCA
 AGTTTTGAAGAAACAATAGATCAGATTGACGACTCCTTTTTCAGACCAAGTCTTGCAGAGTTTTGGGAGGCA
 GCTGGGTTGCTTATGATGGAGAAAATTTCTCTGGCAATCAGTATGTACTGGAAAGAAGGCCACTATCCTTG
 TCTCTCGCAATGGGATGCCTGCCTGGAGCAACCTGAAGTCTCTTCTGCTTTATAGATTTTGAATTTCC
 GAACCAACAATTTCTTTTTCGAAAGAGAAAATTTCAAAGGAAAAAAGATAGAACTGAACGCAGAAACAG
 TCAATCTCCGATCCTTGGGGTTCAACACTCAGATCCGCTCTGTGCGGGTCTGTTGGTGGCATATGGTTAC
 CTATGAATATGGCAATTACAGAGGCCGGCAGTTCTGCTGTCTCTGCAGAAAGTACCAAAGTGGTATGAG
 TTCAGTGCCTGTCGCAAAATAGGCTCCCTCCGGCCCTTTGCTCAGAAACGAATTTACTTCCAGACTTCGAA
 ACAAGCAACAGGACTATTTATGTCAACCAACGGGAACCTGGAAGACCTGAAGCTTCTCCGAGTCCAGGT
 CATGGAAGATGTTGGTGTGATGATCAGATCTGGATCTATCAAGAAGGGTGCATCAAATGCAGGATAGCA
 GAAGACTGCTGCCTGACGATCGTGGGCAGCCTCGTCACGTCTGGTCCAACTAGGACTGGCCCTCGATC
 AAAATGTCGACAGTCAGTTCTGGTGCATGAAGTCCGACGGCAGGATCTACAGCAAGATGAAACCAATTT
 AGTGTGGATGTGAAAGGGGGTGCAGATGATCAAAAATCACATCATCCTCAACACAGTGAACACAGAG
 AAGTTAACACAAGTGTGGGAAGCCATGGTCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_172393

Insert Size: 5076 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_172393.2](#), [NP_765981.2](#)

RefSeq Size: 7416 bp

RefSeq ORF: 5076 bp

Locus ID: 11630

Cytogenetics: 10 23.14 cM