

Product datasheet for **MC224025**

Crybg3 (NM_174848) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crybg3 (NM_174848) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Crybg3
Synonyms:	5031404N19; AU022790; Gm9581
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224025 representing NM_174848 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGTACCTGCCGAAGTAAAGTAAAGTATTTATCCTAAGGACTCTGAAGGAGATACTGACAGTATCT
CTGAGGGGATGCCTGCCAAGCTAGATGTGGTAAATGCTTATCAAAAATACAGTGACAGAGTTACTGGAAG
GATCGAGAGACCTGTGTCTCCCCTAAGGGATGCTGAAGATGCTCCTAGGAAATGCTGAAACAGTCCCATT
GTGCTAGATGTGAAAGAAACCTACCAGGAGACAGTATATCCTCCCTGGACATCTTGAAAAACGAATCC
AAAGAGACACTGAAGAGTCAAATGGAACAACAGAGCCTGTGCCTTCTAAGATAGAAATGGAAGTAATGGC
TCCAGAGGATCCAGTGGCAGCACTGAGAACCGTGAAGTGTACCTATGGAGGTAGCTATGGAGCGCACC
AATGGAACAACACCAGGGGTGACCATTATGCAACCGGACGCCCTAGGTCCTGCCTTTGAAAAACAAAGG
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GTCAGTGTGAGAGCGCTTACAGAGAACTTCGATGGAGATGACAGACAGGAGGCCGAGGAAGAGGAGGAG
GAAGCTGTAGCTTCGGGCAAAGATTGGAGAAGTAAAAGAGGGAGCATGTTACCTCCACTTGCCAGATC
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CCTCAGAGACGGGGACCAGATTTGGTGGCACCCCTCAGGAACCAGTGTCCAAGTATTTCCGTGTTACAGGA
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 GGAAGATGATAATTTATGATCTCCATGGAAGTAAATATAAAACAAGAGGTCTACTGTAACATCCCTGATG
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 TTCCGGTATAGAGCTGTGCCCCAAGACTGACCCTGGGTGCAGCCCCATCTACATACACCGATCTGTCCC
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 CCGAGATGAAATCACTGCATCCTCTTCAAATGGGTGGACTGAAAGTGAAATGCCTATGAACTTAAAGGT
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 CCTATGAAAGGAACATTTCAAAGGCCAGCAATCCTACTAGAAGAAGGAGACTTTGAAGATAGCAGCGC
 TTGTGGGGCCTTAAAGTGACCCATCATGTCTTTCCGGTACCTACAAGCTAATTTTATAGAATCTTCGATC
 AACTGTTTGAATCATCTCACCTGGAAAGTGGGAAGTTTATTGACATCACGAATCAGGAAATTTCTGACT
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 CCAGAAGTTCTTCTGCGGCGATCAGTACATTTTAGAGAAAAGGAAAATATAAATGCTTTTTTGATTGGGGA
 GGATCAAGTAATACAATCTTGTCTATCCGACCAATCCAATTGGAACCACTCGGGATAAATGAGCCTACAC
 ACTTGCTCAAAGCATTAGTAAAGCAGGCTTCCAAGGAGAGTGTATCGATTTTCTGAAAAGAAATGTCCGA
 CCTGACCTCGTTCACGCCGCGATCCTTTAAGGTTCTCCGTGGCTGCTGGCTCCTCCTGTATTACCAAGAA
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 CAGCTAGAATCAGAGCACTCCAGCCCATCGACTATGTTTTTGAAGAACCTCCATCAGCCTTTTTGCTCT
 GGAACATTGTGAGGGAAGAGAACTACATCTTGAAGACCGCTGAATTCGTTTTTGAACAAAGACTACAC
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 TGTGCGTCTATGAAGCAGCCTGCAGTGTACATCAGAATAAGGAACCGAGCCAGGATGAATACTTGACA
 GTCAGTGGGAACCCAGCAGATGCACGGACAATGTCTGTCTGCATCTCCTACAGTGGGAAGGACACTC
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 CCGGGACACTCCTGGAGCAAGGTGGCCTTGTGGACTGAACACGGGCAGCTCAGGCAGAAGTGGAGAATG
 AGCAGGAACGGAACCATCAGCTTATCTCAGTGTGAAGTCTGCTGGATGTTAAAGGAGGAACTATT
 ATGACAAGACTCATGTGATTGTGAATCAGCCCCTGGAAGGGGAAGAGACCAGAAGTGGGACATTGAAAT
 CCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_174848

Insert Size:

3717 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_174848.3](#), [NP_77273.2](#)

RefSeq Size: 6544 bp

RefSeq ORF: 3717 bp

Locus ID: 224273

UniProt ID: [Q80W49](#)

Cytogenetics: 16 C1.3