

Product datasheet for **MC224278**

Plekhg3 (NM_153804) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plekhg3 (NM_153804) Mouse Untagged Clone
Tag: Tag Free
Symbol: Plekhg3
Synonyms: BC030417
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224278 representing NM_153804
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCGTCTCCACTGCCCTCCACCAAGATGGCAGCCAGGAGCGGCCACGAAGCCTAGTGTCCACCACTT
CTTCATCTGGCTCCTCCCGTGACAGTCACAGTGCCATGGAGGAGCCACTGGCTCGGAGGCTTCAGCCCA
GAATGGGACAGGCTCCCCTTGGGACCGCATGTTCCCAACAGCAACAACAACCTCCAGTGGCTGGCTGAAC
ATGAAGGGACCTCTCTCCCATTC AACGGCCGTGCAGGGACAAGTCTGCCTACCAAGCTCAGCTATC
TGGGCCGGGTGGTGAGAGAGATCGTGAAACAGAGCGCATGTATGTGCAGGACCTACGGAGCATTGTGGA
GGACTACCTCTTGAAGATCATTGACACTCCAGGACTCCTGAAGCCAGAGCAAGTCAAGCGCCCTCTTTGGG
AACATAGAGAGCATATATGCACTGAACAGCCAGCTTCTCAGAGACCTGGACAGCTGCAATAGTGACCCTG
TGGCAGTGGCCAGCTGCTTCGTGGAAAGGAGCCAAGAGTTTGATATATACACTCAGTATTGCAACAAC
CCCCAACTCAGTGGCAGCCCTCACAGAGTGCATGCAAGACAAGCAACAAGCTAAGTTCTTCAGAGATCGG
CAGGAGCTGCTGCAGCACTCCCTGCCTCTGGGCTCCTACCTGCTGAAGCCGGTCCAGCGCGTCTGAAGT
ACCACCTGCTGCCAGGAAATTGCCAAACATTTTGATGAGGAAGAGGATGGCTTCGAGGTGGTGAGGA
TGCCATCGACACCATGAGTGCCTGGCTGATCAACGACATGAAGAGGAGGCATGAGCACGCAAGTT
CGGCTACAGGAGATCCAGTCACTGCTCATTAACTGGAAGGACCGGACCTGACCCTTACGGGGAGCTGG
TCCTGGAAGCCACCTTTTCGTGTGCAACCGCTGCGCAATGACAGAATTTCTTCTCTTTGACAAGATACT
GCTCATTACCAAGAAGCGAGGCGACCACTTTGTCTACAAGGGCCACATTCGCTGCTCCTCACTGATGCTG
ATCGAAAGCACCAGAGACTCTCTGCTTCACTGTCACTACTATAAGCACAGCAACAACAATACAGTA
TCCAGGCCAAGACCGTGGAGGAGAAACGGAGCTGGACTCACCACATCAAGAGGCTCATCTTGGAGAACA
CCATGCCACCATACCCAGAAGGCCAAGGAAGCCATCTTGAAAATGGACTCCTATTATCCCAGTCGGTAT
CGCTGCAGCCAGAGCGGATGAAAAAGGCTGGTCTCCAGGATGAGGTGTCTAGCCACGTGCGCCAAG
GAGCTCGGCACTGAGCCTGGTCAACCTGTTCAAGCAGGGCAACACTCCCAGCAGGCAGCAAGGATT
CGAGATGCCAGGCCTTAAGGGCCGTAGAAAGTCGGAGCCACCAGACACCTGCTCAGGCAACTGAGTGAG
AAAGCCAGAGCAGTGGGAATGAAGCATGCAAGCAGTGTGGAGCCCTCTTGGACTTTGGGACCCAGCC



ATGCACAGAAGCAGCAGCCAGAGGCTGAGAGGGCCGCCAGGGAAGAGCTTGAGGAAGAGGAGGAGCTGGT
 GGAGGAGGAAGAACAGCGGCAGCAGAGCTTCTCGGGCTCCCTGGAGGGCCTTGCAGGGCATGATGGCAGC
 GAGAAGGTGCCTGGGCCAGAGCTCCCGGGCTCGGAGGAGGAGGAGGGAAGAAGAGAGTCTAGCAGTGG
 CGGAGCAGGGGAAGAGACACAGGGAGTCTGAAGGCTCTAAAGGCTGCAGAAGGCCAGTAACCGGTCCGC
 AACCAAGTGCAGGAGCGCATGAGCTTTGAGTCTGTTTCTCCCTGCCAGAGGTTGAGACAGATCCTGAG
 CCTGGGGCCGAGCAGGAGGCCTTTGCGGCCTTGAAGGTCACAGCAGAGGAGATGCCTTCAGACCCAG
 AATTTCCAGAAGCCCTGGAGACACAGCTTCATGCCCCCAAGGGGCTGCTAGGAGTGGACAACCCAGCTGC
 TGTGGTGGACTTTGTGGAGCCTGAGGGGTCTGAAGACCTTAAGCCCTGAGTAGTGAGGAGGAAGAAGAA
 GAGGAAATGGAAGCCGCCAGGAGCCTGAGAGCCTCCTGCCACCTCTGTGCTGGACCAGGCCAGTGTCA
 TTGCTGAGAGATTCGCCAGTAGCTTCTCTCGGCGGAGCAGCCTGGCAATAGAGGATGGCAATCCAGTGG
 TTTAGGGACACCACGGCTTATCAGCCGGAGCAGCAGTGTGCTTAGCCTGGAGGGCAGTGATAAGGCCTA
 GCCCGATGGAGCAGCATCGGGACTCCCTCAGCAACCCACCCACCCAGAAAGTATCATTGGTGCAGACA
 TGGTCACAGACAATGGCCCTTGTCAATGGGACAGAATCTCAAGTGCAGGCTCAGGCTGCCACCGGA
 ACAGGACAGATCTTCTGTAAGAAAAAAGAATCAGCGTTGTCTACCCGAGACCGTCAAGTGTGGACAAA
 ATTAAGAACTACTATGAAATGCAGAGCACCATGATGCTGGCTTACAGTCCGTCGCGGGGAGAGCCTCT
 CCTATATCCCTAAAGGATTGGTGCAGCTCTGTGTCCAGATTCAACAGCCTTCCCAAGCCAGATTGAGA
 GCCAGCAGCTCCAGTTGGGTACAAGAGGCCGGGAGTTCTCGTCCAGCCTCATGGACCTGTTTTGACCTT
 CCAGGTCCAGGACAGACAAAGGGGACCCAGCTCCTATCACAGATGCTGAGTTTCTGTCCATCTTCAGAAA
 TTGCAAAGATATGGGAAAGAATGGAGTCTTCAGAGAGAAGTCCACGGACAGGGTCTGGCCAGAGCCAGGC
 CAATGGCTTTGAGCTACAAGAGCCACTGTTTATCTTGGAGGAGCATGAACTGGGGCCATCACTGAGGAG
 TCTGCTGTCCCTCTCCAGAAAGTGCCTCCCCACCGAGCAACCCAGCCAGCCACCTGGCCCGGGAGC
 TCAAAGAGCTGGTAAAGAGCTGAGCAGCAGTGTCCAGGGGAGTGGTTACCCACTGCACCCCGGAT
 TGTGCAGCTCTCCATGTGATGGACGCCATGTGAGTGAAGGGTCAAAAACAAGTCTACCAGTTGGCC
 CGCCAGTACAGCCTCCGAATTAAGAACATCAAGGCAGCTAGGCCACCTCTACAGTGGGAAAAAGTACTC
 CTGACCAAGAGGAGCAGGTCCCTTCCATTTCTGGCCTGCCTGAGGAAGCTGGAGAGCTGTGAGGGGCAA
 AGCCAGGAGGAAGCCTGTGCTATCCCTCCTCAGCTATGAGCAGCTGGTGGCTCAGGAGCATGGCAGCTCC
 AAGTCTTCCGCTGCCGTGAAACCTCTCCACGCCGTTTCTCCTTCCAGCCCTTCTGCTGTTAGCCCAAGAA
 CCACCTCACCTGGGGCTCGGTCTCTGCTCGGAGCCCCCTCAGCCCTTTGACACCGAGACCTTCAATTG
 GCCTGATGTCCGGGAGCTCTGCTCCAAATATACTTCCACGACAAGACTGCTCAGGTCGAGAGCAGCTGG
 CCCCAGTCCGCTGCTGGTCAACAGGAGTCCCTGCCCAGAGACATCGTAGAACCTCCCATGTCTGGCA
 AGGCGGACCGCTGCTGTGCCTGAACACCCACAGGCGCCTGGGAGATGGGGAAGCCTCCCAGCCTCCACT
 TCTGAGTCTCCTCCCAAGCCAGCTGAATGGAGGCGAGCCCTGTATGTACCAGCAGACCTTACCCTG
 GAGAACAACCCAGCAGTATCATTATGGAGAAGGGGCCCATCCTAGCTCCACCGTGGGGCTGGAGGAAG
 ACAGTGGGAAGGAATCAAGTTCCCCAGTGGCTTTGAAGGGACAGGGCCAAGGTTTCCAGGCGTCTGAGA
 GTACCAGCCAAAGAACCGGTCCAGGGACTCAGCAGACACAAACAACAGGGTAGAGTGAAGAACCTG
 AGGGAGAAGTTCCAGGCCTTGAAGTCTGTGGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_153804

Insert Size:

4026 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_153804.4](#), [NP_722499.4](#)

RefSeq Size: 4955 bp

RefSeq ORF: 4026 bp

Locus ID: 263406

UniProt ID: [Q4VAC9](#)

Cytogenetics: 12 C3