

## Product datasheet for **MC224385**

### **Plekhg1 (NM\_001033253) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Plekhg1 (NM\_001033253) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Plekhg1  
**Synonyms:** D10Erttd733e; Gm521; mKIAA1209  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC224385 representing NM\_001033253  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGAGCTTTCCGACAGCGACCGACCCATCAGCTTCGGCTCCACCTCATCCTCGGCCTCCTCCAGGGACA  
GCCACGGTTCCTTTGGCAGCAGAATGACTTTGGTTTCAAACAGCCACTTGGGCTTATTTACCAGGATAA  
AGAAGCTGGGGCCATAAAGCTGGAGCTGGTACCAGCACGACCATTTTCCAGCAGCGAACTGCAGAGGGAC  
AAGCCTGCCGGACCACAAAACATGAATGGGGTCAGCGAGAAGCAGCCTAGGACTCCATGGAGAATGGACA  
CGAGTGGGACACCACAAACCACTGCAGACTCGGCCACCAGCCCCAAGCTCCTCTATGTAGATAGAGTTGT  
ACAGGAAATCCTGGAGACAGAGAGGACCTACGTGCAAGATCTAAAAAGCATCGTGGAGGGTTACCTGGAA  
TGCATACGGGACCAAAACCAACTTCCCCTGGTGACCGAAGACAGGGCTGCTCTTTTTGAAATATACAGG  
ATATCTACCACTCAATAGTGAACCTTCTCAAGATCTGGAAAACGTGAAAACGATCCTGTGGCCATAGC  
AGAATGTTTTGTGTCGAAGAGTGAAGAGTTCCACATTTATACCCAGTATTGCACCAATTACCCAAGGTCT  
GTGGCCGTGCTAACTGAGTGCATGAGGAACAAGATACTACCAAGTTCTCCGGGAGCCGAGGAAACTC  
TGAGACTCACTACCCCTAGGGTCTACCTCCTAAAACCAAGTCCAGCGGATTCTCAAATATCATCTCCT  
TCTTCATGAAATAGAGAACCACCTTGATAAGGCCACGGAAGGCTACGATGTTGTGCTGGATGCCATAGAC  
ACGATGCAGCGAGTGGCCTGGCAGATCAATGACATGAAACGGAAGCATGAGCATGCTGTCCGCTTGCAGG  
AGATCCAGAGCTTGTAAACCAACTGGGAGGGCCCTGACCTCACCAGCTATGGGGAGCTGGTCTTGAAGG  
AACCTTCCGCATCCAGAAGGCCAAAAAGGAGGACTCTTTTTCTCCTGGACCAGCTGCTGCTCATCACA  
AAAAAGAGAGATGACACGTTTACATAACAAGGCTCACATCCTGTGTGGCAACCTCATGCTTGTAGAGGTCA  
TACCAAAAAGAACCGCTCAGCTTCAGTGTCTTCCACTACAAGAACCCCAAGCTTCAGCACACAGTTACGGC  
CAAATCCCAGCAAGACAAACGTCTCTGGGTTCTGCACCTGAAGAGATTAATTCTGGAGAACCACGCAGCA  
GCAGCAAAGATCCAGCTAAGGCCAAGCAAGCGATTCTTCAAATGGACGCCATCCACTATCCAGGCTTCT  
GTTACAGTCTGAGGGAGAGATGAAGACACCATGTGGTTCTGCACCCATCGGCTGAGACGGAAGTCAGA  
ACCTTCTCGAGATCACACAAAGTGTGAAGACCAGCGAACTTCAAGATATCCAGAAGGTTTCTAGA  
GAGGAAAGCCCTTCCAGCTGACTTCTGCCGTGCTGCCAGAGGAACTGCCAGCCCGCAGCGCTGCC



TTATCAATATGCTTCGCGGGGGAGGCGGTGTTAGAAGCCCATGGACAGATCACCACATCAGGCAGCGGAC  
 GGATCACCACATCCGGCAGCCCTTGTTCCTCAAGCCGCGGTCTCCACAGGAGAATGAGGACGATGACGAC  
 GATTACCAGATGTTTCGTCCTCTTTCTTCTCGGATCTCACTCCACCAGGTTGTGTGAAGAGAACG  
 CTTCAAGTCGCCCTTGCAGCTGGCATCTGGGCTCATCGAACCCACAGAGATCTCCAGCTCTGGTCACAG  
 GATAGTCCGACGGCCAGTAGTGCAGGTGAAAGCAACGCATGCCCTCTGAAGTAAGAATTAGAGACTGT  
 GATGACTCTCAGTACTGCCGGGAGACAGCTGCAGAACAGTCTCGACCAGGAGGAGAGGGGGATGA  
 CTCCTATGGGTCTGTAGAGTTGACCATTGATGATATAGACCATGTCTATGATAACATAAGTTTTGA  
 AGACTTAAAGTTAATGGTTGCTAAGCGGGATGAACTGAATGTTCTTTCTCCAAACCATCCAGAGACTCT  
 GTTCGCCCAAGAGTACCCAGAGTTAGCCTTCTCAAAGAGACAGGTTAGCCACAGTACAAGCTCTCTCC  
 ACTCAAGGAAAGAGGCAGGCCTCGTGGTCAAGAGGCATCCACCCAAAGCGTACATGAACACCAGGAAGT  
 GGAAGAAAACATCTATGACACCATAGGGCTTCCAGACCCACCATCGATGAACTTGAACCACAGCAGCCTT  
 CATCAGCCAAAAGGAGCACCTTCTGGGTCTGGAAGCTGATTTTGCATGCTGTGACAGCCTGAGACCAT  
 TTGTCTCCAGGATAGCCTCCAGTTCAGTGAGGATGACATATCTTACCACCAGGGACCCTCCGATACTGA  
 ATATTTGAGTTTGTATATGACTCTCCCGCTGTAATCTGCCTATTGCAGATAAGGCTCTGTCCGACAAA  
 TTGTCTGAAGAAGTAGATGAAATCTGGAATGATCTGGAATTAACATCAAGAAAAATGAAGACAAATCAA  
 GAGACCGCTCCTTGCAGCCTTCTGTGAGCAAAGACGATGCACCAGAGAGGCTATATGTTGACAGCAC  
 CCATGAGCTGGGCAGGGATACAGGACATGCCACATCTATGCTGGCCCTTCTACAAGCCAGACTTTCCTC  
 CTGCTGGGAAGAGCAGAGTTGTGAGAGCTAGCAGGGCCAACTGCTCCCTGGATAATGACATTATTTCAA  
 CAGAAGTTTCTTCTGAGTCTTAACCACTCTCTGCGCAGTGATGGGCTCCTGTGGACAATCCCTA  
 TGACCTGGCCAACTGCAGCCTGCCCCAGACAGACCCAGAAAACCTGACCCCGGGATGGAGGTCACAGAC  
 AAGACTAAGAGCAGGGTCTTTATGATGGCCAGGAGTATAGTCAAAGATCAAGAAGGTAATCAGATTT  
 TGAAAGTGAAGCCAGAGTTGGAGCAACCACCGTCCAGTCAAGTCAAGCCAGTCAACAAGACCTGGT  
 GGCCATCTTGAAGAGAAGAGGCAAGGAGGGCCCGCCATTGGTGCCAGGATCGCTGAATATTTCCAACTG  
 TAGACCAAGATTGTGTTAGAGAGACACCCTTAAAGCTCAGAAGGATGGCTGGGCCAGCCCAAGGAC  
 CCACCCTCCACAGGCCTGTGTCACCTCCCAGGCCAGGGCGCTGGTGAGGACTGGCTCTGGCATTGCGC  
 CTACAGTAACGGAGAGTTGGCAGATTTCTCTCCCAGACAGAACAAGACTCAAAATCAAAATACCCCATC  
 ACATTAGAGAGCACCAAAAAATTAGGCCAGGCAGTTGTGCGGTGCTTGTTCGGTGCCGCTCTCTCAAAG  
 TGTCGGACCTCTGCTGGGCTCTGTGCAGCAGAGATGCAGCGTGGTGGTCCAGCCAGCCCCACAAAGAGAA  
 CTCAGGTCAGAGTCTTTACAACCTCGCTGGGTGCAAAAGCAATCAGCGCTAAACCCAGCCTTATAGC  
 AGGCCTCAGTCATCTTCTCAATCTTGATAAACAATCTCTGGACTCTATCAACTACCCAGTGAGACAG  
 AGACGAAGCAACTACTCTTTCACAGAAAAGTCCAGAGGCGGAGCCAGCAGGATTTGCCGTGAGGGCT  
 AGCAAACCTCATGTCAACAGGACAGGGGCAACCGTCCGATCTCAGCTCCAAGACTCGCAGAAGGTTCTC  
 GTGGTAAATAGAAATTTACCTTAAAGCGCTCAAAATAGCGACGCAGAAGTACTTTTGTAAATTTCAAAGATC  
 CCGAGGGAGATGAAGTACTATGTGAAATCAAGTCAAGAAGAGGACGAAGTGCCTGCTGGATCTCTCTCC  
 AAGGCGGGGAGGAGTCTGACCACAGACCCCGACCTGACTGTTCCGATAGCATCTGTAGCCACAGC  
 ACACCTTACTCTTTGAAGGAGCCAGTGAAGTGGCAGGCTTGGGCTTCTCCTTACCTGACAGCATGTAAGG  
 ACTCTGATAAACTGAATGATTATCTGTGGAGGGGGCCCTACCCCAATCAGCAAAACATTGTCCAATCTCT  
 GAGGGAGAAATTCAGTGTCTTAGCTCAAGCAGCTTTGCC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001033253

**Insert Size:**

4173 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001033253.3</a></u> , <u><a href="#">NP_001028425.1</a></u>
<b>RefSeq Size:</b>	7190 bp
<b>RefSeq ORF:</b>	4173 bp
<b>Locus ID:</b>	213783
<b>Cytogenetics:</b>	10 A1