

Product datasheet for **MC224386**

Plekhg1 (NM_001159942) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plekhg1 (NM_001159942) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Plekhg1
Synonyms:	D10Erttd733e; Gm521; mKIAA1209
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224386 representing NM_001159942 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGAGCTTTCCGACAGCGACCGACCCATCAGCTTCGGCTCCACCTCATCCTCGGCCTCTCCAGGGACA
GCCACGGTTCCTTTGGCAGCAGAATGACTTTGGTTTCAAACAGCCACTTGGGCTTATTTACCAGGATAA
AGAAGCTGGGGCCATAAAGCTGGAGCTGGTACCAGCACGACCATTTTCCAGCAGCGAACTGCAGAGGGAC
AAGCCTGCCGGACCACAAAACATGAATGGGGTCAGCGAGAAGCAGCCTAGGACTCCATGGAGAATGGACA
CGAGTGGGACACCACAAACCACTGCAGACTCGGCCACCAGCCCCAAGCTCCTCTATGTAGATAGAGTTGT
ACAGGAAATCCTGGAGACAGAGAGGACCTACGTGCAAGATCTAAAAAGCATCGTGGAGGGTTACCTGGAA
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GTGGCCGTGCTAACTGAGTGCATGAGGAACAAGATACTCACCAAGTTCCTCCGGGAGCGCCAGGAAACTC
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TCTTCATGAAATAGAGAACCACTTGATAAGGCCACGGAAGGCTACGATGTTGTGCTGGATGCCATAGAC
ACGATGCAGCGAGTGGCCTGGCAGATCAATGACATGAAACGGAAGCATGAGCATGCTGTCCGCTTGCAGG
AGATCCAGAGCTTGCTAACCAACTGGGAGGGGCTGACCTCACCAGCTATGGGGAGCTGGTGTCTGAAGG
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GTTACAGTCTGAGGGAGAGATGAAGACACCATGTGGTTCTGCACCCATCGGCTGAGACGGAAGTCAGA
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GAGGAAAGCCCTTCCAGCTGACTTCTGCCGTGCCTGCCAGAGGAAGTCCAGAGCCCGGAGCGCTGCCG
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 GGATCACCACATCCGGCAGCCCTTGTTCCTCAAGCCGCGGTCTCCACAGGAGAATGAGGACGATGACGAC
 GATTACCAGATGTTCTGCTCCGCTCTTTCTTCTCGGATCTCAACTCCACCAGGTTGTGTGAAGAGAAGC
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 CTGCCTGGGAAGAGCAGAGTTGTGAGAGCTAGCAGGGCCAACTGCTCCCTGGATAATGACATTATTTCAA
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 AAGACTAAGAGCAGGGTCTTTATGATGGCCAGGAGTATAGTCAAAGATCAAGAAGGTAATCAGATTT
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 CCACCCTCCACAGGCCTGTGTACCTCCCCAGGCCAGGGCGCTGGTGAGGACTGGCTCTGGCATTGCGC
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 CTCAGGTCAGAGTCTTTTAACTCGCTGGGTGCAAGCAATCAGCGCTAAACCCAGCCTTATAGC
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 AGACGAAGCAACTACTCTTTCACAGAAAAGTCCAGAGGCGCGAGCCAGCAGGATTTGCCGTGAGGGCT
 AGCAAACTCATGTCAACAGGACAGGGGCAACGGTCCGATCTCACGCTCCAAGACTCGCAGAAGGTTCTC
 GTGGTAAATAGAAATTTACCTTAAGCGCTCAAAAGCGACGAGAACTACTTTTGTAAATTTCAAAGATC
 CCGAGGGAGATGAAGATGACTATGTGGAATCAAGTCAGAAGAGGACGAAGTGCCTGTGGATCTCTCTCC
 AAGGCGGGGCAGGAAGTCTGACCCACAGACCCCGACCTGACTGTTGCGATAGCATCTGTAGCCACAGC
 ACACCTTACTCTTTGAAGGAGCCAGTGAAGTGGCAGGCTTGGGCTTCTCCTTACCTGACAGCATGTAAGG
 ACTCTGATAAACTGAATGATTATCTGTGAGGGGGCCCTCACCCAATCAGCAAAACATTGTCCAATCTCT
 GAGGGAGAAATTCAGTGTCTTAGCTCAAGCAGCTTTGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001159942

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).

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001159942.1, NP_001153414.1</u>
RefSeq Size:	7356 bp
RefSeq ORF:	4173 bp
Locus ID:	213783
Cytogenetics:	10 A1