

Product datasheet for **MC203392**

Dlgap5 (NM_144553) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dlgap5 (NM_144553) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dlgap5
Synonyms:	C77459; C86398; Dap-5; Dlg7; Hurp; mKIAA0008
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058087
 GCGACATTGTTGTGGATCCAGAACTGCTTCAGGATGCTGGTGTACGTTTTGCCAGTCGGTTTTCGGAAA
 GACTCGAGCACTGAGATGGTTAGAACCAACTTGGCTCATAGAAAGTCTCTGTCTCAGAAGGAGAACAGAC
 ACAGGGTGTATGAGCGAAACAGACACTTCGGTTTGAAGGACGTCAACATTCCTGGAAGGGCGAGAGCT
 TGGTAATATACACGAGACATCGCAAGACCTCTCCAGAGAAGGCCAGCTCCAAAACAAGGTCAGTAAAA
 ATGGTCCTGAGTGACCAACGGAAGCAGCTCCTCCAGAAGTACAAGGAAGAAAAACAACCTTCAAAAACTGA
 AAGAACGCGAGAGAAAAGCCAAACGTGGAGTGTCAAAGTGGGTCTCTATAGACCCGCTGCGCCTGGCTT
 TCTTGTCACAGACCAGAGGGGTGCGAAAAGCTGAGCCAGAAAAGGCTTTTCCACATCTGGACGGATTACA
 AGATCAAAGACCAAAGAATATATGGAGCAGACTAAGATTGGTAGCAGGAATGTTCTTAAAGCAACCCAGA
 GTGACCAAAGACAAACTTCTGAAAAACAACCTTAGACAGAGAGAGAAAAGTTATGCAGCCTGTGCTGTT
 CACGTCAGGGAAAGGACTGAATCAGCGGCTACTCAGAGGGCCAAGCTGATGGCCGAACAGTGTATCC
 ACTACAAGAAAGCCAGTCACAAGAGCCACGAATGAGAAAGGATCAGAAAGAATGAGACCAAGTGGAGGGA
 GACCTGCCAAAAAACAGAAGGCAAGCCGACAAGGTTATTCCTTCCAAAGTTGAGCGGGACGAAAAGCA
 TTTGGATTGCGAGACCAGGAAACAAGTAAATGGTCCGCTCGGAGTCTTCCGAGAAGTGGAAAGCTTG
 CCTGCAACAGCCCCTGCCAAGGGAAGGAAAGGAAGTCTTTGCCCCCAAGCACTGTGTCTCCAGCCCC
 CGTGTGGTCTGAAGAGCTACCAGGTGGCTCCCCTGAGCCCTAGAAGTGCCAACGCTTTCCTGACACCCAA
 TTGTGATTGGAACCAGTTAAGACCAGAAGTTTTTAGCACTACAACCTCAAGACAAAGCAAATGAAATCTTG
 GTACAGCAAGGATTGGAGTCGCTAACAGACCGTAGTAAAGAACATGTCTTAAATCAGAAGGGTGCTTCTA
 CTTTCAAGTTCAAATCACGCTTCTGTGAAAGGAGTCCCATGCTCTGAAGCGAGCGAAGGCCAGACCTCTCA
 GCCCCCCACGATGTGCCATACTTCAGAAAAATCCTCCAATCAGAAACTGACAGGCTGACCTCGCACTGC
 CAGGAGTGGGAGGGGAAGCTGGACCTGGACATCCCTGATGAAGCTAAAGGCTTTATCCGTACAACGGTTG
 GTCAAACAAGACTCCTTATCAAGGAGAGATTGACAGAGTTGAAGGACTGGTGGACAACCTGCGAGTATAA
 ACGGGGTGAAAAGGAGACGACCTGCACAGATCTGGATTCTGGGATATGGTTAGTTTTCAGGTCGAT
 GATGTGAACCCAGAAATCAACAACCTGATCAAACCTTGAAGCGTCAAGGATGGAAGACAGCAATAATCCAA
 GCAAAAAAGTCCCTCCGAAAAAAATTGTGCCCGGTAGAACAAGCAAGCAAGCAAGCAGGATGACGACGGACG
 AGCGGCAGCTAGGAGTCGCCTTGCAAGCAATAAAGAATGCAATGAAAGGCAGGCCACAGCAGGAAGTGCAG
 GCCACGCAGCAGCTCCGGAGAACACAAAGGAAGTTGACAAAAATAGTGTGTTGATGCTGGGTTTTTCAGAA
 TCGAGAGCCCAGTGAAGTCATTCTCAGTCTGTCTTCTGAACGTCGTTCTCAAAGATTTGGAACACCTCT
 GTCTGCCAGCAAAGTTGTGCTGAGGGCAGGGCTGCAGGGGACCTTCTGAGACAGAAGATGCCACTGAAG
 AAGCCGGACCCCTCAGAGCAGCAAGAGCGAGCATGTTGATCGGACGTTTTTCAAGATGTTGAAAGCAGGT
 GCCACGTAGAAGACACCCCTGTCTGGAGAGCAAGATCAAGTACATAGAGCATGATGTAATAAAAAAT
 AAATGTCAAGATGGATTGTTTCTCTGTTGAAACGAATTTGCCCTTCTCTGCTGGTATGCTAATACCAAT
 CAAAAAGAAGCAATCTCAGCTGTGGAAGGAGCGAGCTCTGCAGTCACCTCCCAGGATTTGCTGATGAGCA
 ACCCTGAGACAAATACCTCCTCAGAGCAACACCTCACAAAGAAGAAGCTGAGGGCTCGCAGTCAGTACT
 GTTACATAAAAAGTCTCACTTCTGAATGCCACCTTCTTGAACCACAGGCCCTCAGCTGCACCAGCCCTGC
 ACTCGGGAGGAGACCAGACAGCCAGATCGCAGCAGACAGTTCTCCTTTGGAGGTGACCTCATTCTCTTCT
 CACCCTATGACCCTGAAGGGAACACCAGGAGGGCTTTAAATTTAACATGACTTTTAAATTAATTTAA
 TAAACATTCAGTGCTCGCCTTTAATCCCAGCACTCCGGGAGGTAGAGGCAGGCGGATTTCTGAGTTCGAG
 GCCAGCCTGGTCTACAGAGTGAGTTCCAGGACAGCCAGGACTATACAGAGAAAACCTGTCTCGAAAAACC
 AAAATAAATAAATAAATAAATAAACAACAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_144553

Insert Size: 2427 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:	<ol style="list-style-type: none">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:	<u>BC058087</u> , <u>AAH58087</u>
RefSeq Size:	2714 bp
RefSeq ORF:	2427 bp
Locus ID:	218977
UniProt ID:	<u>Q8K4R9</u>
Cytogenetics:	14 24.6 cM
Gene Summary:	Potential cell cycle regulator that may play a role in carcinogenesis of cancer cells. Mitotic phosphoprotein regulated by the ubiquitin-proteasome pathway. Key regulator of adherens junction integrity and differentiation that may be involved in CDH1-mediated adhesion and signaling in epithelial cells (By similarity).[UniProtKB/Swiss-Prot Function]