

Product datasheet for MC206151

D12Ertd553e (BC052465) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	D12Ertd553e (BC052465) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	D12Ertd553e
Synonyms:	2410157M17Rik; 9630047E15; D12Ertd553e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC052465
 CGACTCCGTGGGAAGCAACACTGAGGAATGCAGGTGAGCTGAGGCGCAGAGAAGAGGGCTCTGAAGAGAA
 GCACCCGTGAGGAGCACCCTCCATAAGGACAGAGACCCTCGGGGACCACAGACTTGATTTGGAGAGCTC
 TTTCTGTGGCCTCATAGCTGCTTTCTGCTTTGTCCCTTCAGTCTGGATTGGTGACACACACCCACTGG
 AGATTATTTCCAGGTTTGTGTCATGGGAACTTGCTCAAAGTCTGACCCGGGAAATTGAGAATTATCC
 ACATTCTTCTGGATTTGAAAATGCACAGCCTACAGAAGGAGAGCGAGAGATATGGAACCAGATCAGT
 GCTGTCTCCAGGATTCTGAGAGCATCCTCACAGACTTACAGGCTTACAAAGGGGAGGACCAGAGATCC
 GAGATGCAATTCAAAATCCCAATGACATTCAACTTCAGGAGAAGGCTTGGAAATGCAGTGTGTCTCTGGT
 GGTGAGGCTGAAGAGTTTTACGAATTCCATCCGTCTTAAAAAGCACTTCAGAGTTTATTGGAATCT
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 AAATCTTACATTTTACCCTTCGATTCGATGAGCTGAAGATGAGGAACCCCGCTATTCAGAATGACCTCAG
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 CCAATGCACTTTGTCTCCGAAAATAAAACCCTGCCAATAGAGAATACCACGGACTGCCTCAGTACGAT
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 GCACAAGAGTTCTGAGTTCAGCACGTCCCCACCCTCTTCTGCCGCTGCAAACCTCACGTGCAGCTTT
 TCTATATGCACGTGTTTTAATAATCTGAATATTCTCTTCTGTCTCGGTTTGTGTCCCTTCATTCCCTT



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TTAGTATTTGCAAGAGGAAAATTGTCTGTGTTTTAATCAGCTAATGAGGAGGCTATGGGATGGACAGAGG
GCTTCTTGCAAGGAGAATTGAGAAAAGTACTATCTTAAGAATATTATTTCTTTTTTAAAAAGAATATT
AGAGAGAAAGAGAGAGAGAGAGAGGTTGGCATAAGGACAGTCTTATCTGTGTCAACCCTCTGCCTGCAGGG
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CTACAAGAGCAGAGATGCACAATAAGCATTGTCCATTTGCTCTTCTCAACAGAGGAGATTAGGATTT
CAAAGAACAAGAAGTCCAGTTTCTATTTGGGCTCTTAGACACAGACCTGAGCCATGAACCCAAGCCAC
GTATCTACACCATAGCTGCCTCTCAGCTGGCTACATAAGGAAACATTAGGGATTAAGTGTGAGAATATAC
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GCCAGTCCAGTATCTCCAAGATGAGACTCAACAGGACTTGGATTTTGAGAAGCCAGGCTCTAAATAATA
GCCTCAGTTCATCAGGGGACAGACTGAGTGTCTGTGATCACTAACAGGGAGTGGCCTTGAGTCCACTC
CAGAACTGTGGTGGGAGACCAATACTCTAACAGACTGTCCAGTAGGTATCGGGAATCCTTGAACAATTT
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GCTGCTTTTGGCATGGTGCCTTCTGAGGTTACCTAGGCTTTTACAGCAAAAGTTGGGTGAAAGAGA
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TTTAAATATTTAGTTAATATATCTCTCATGGACATAAAATACATCTTAGTTATTATCATTATGTCAAAC
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TAAAGCCTGCTCAATCTAGGGATCCAGTTGTGCAGTAGAGTTGAGACTTCTCATCCAATCTTATTTGTA
GGCATTCTCAAGTGTGTTTATGATATTAATAACTAACATTGGGATTTTACTTTGCCAGCCCCAGCCTTCAG
AACTCCATTGTCATAGTACACCTGTAAAAATGGTTGCACATCAGAAGGGGCTTTGAAGCGCTTGTATGTT
GTTTGGCCGAGTCAATTGTAATTTTTTTGTTGTTTTTTGGGCTTTTTGTTGTTTGTGTTTTGCCTGCAT
TGCTCTTTTTGTACAGAACTTTGAGTGTGAAATGAAAATTAAGTTTGGTACATACACAGTTAAAAA
AAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: BC052465
Insert Size: 972 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:	BC052465 , AAH52465
RefSeq Size:	4781 bp
RefSeq ORF:	972 bp
Locus ID:	76820
Cytogenetics:	12 5.63 cM
Gene Summary:	May negatively regulate RAC1 signaling and RAC1-driven cytoskeletal remodeling. May regulate chemotaxis, cell migration and epithelial polarization by controlling the polarity, plasticity, duration and extent of protrusions.[UniProtKB/Swiss-Prot Function]