

Product datasheet for RN213193

Dlc1 (NM_001127446) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dlc1 (NM_001127446) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dlc1
Synonyms:	Arhgap7; RhoGAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213193 representing NM_001127446 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGTAGAGACGAGCCGGACACCATGATCCTAACACAAATTGAAGCCAAGGAAGCTTGCATTGGCTGA
GAGTGACTGGTTTCCCCAGTACGCACAGCTGTATGAAGATCTCCTGTTTCTATTGATATTGCGCTGGT
CAAGAGAGAACACGACTTCTTGGACAGAGATGCCATCGAGGCTCTCTGCAGGCGGCTAAACACGCTAAAC
AAGTGTGCAGTCATGAAGCTGGAGATCAGTCTCACCGGAAGCGAAGTGAGGATTCAGATGAAGAGGAGC
CTTGTTGCCATAAGCGGCAAGTGGACTTTCCAGAGGGACAGTAAGCGGTGGTCCCGCTTGAAGAGTTCGA
TGTCTTTTCTCCGAAGCAGGATCCGATCCCTGGGTCCCCAGACAATTCCCGTTTGCAGAGCGCCACAAGC
CGCGAAAGCATGCTGACAGACCTCAGTGAGCACCAGGAGGTGTCCTCTATCCGAAGCCTCAGCAGACCA
GCAGCAGCGCCCCACCCACGTGCCCCACAGCGGGGAGGCTACGACACCCCGGACCAATTCTGTCATCAG
CGTCTGCTCCTCCAGCCACTTTGTAGGCAACGAGGACTCTTTCTCCAGCCTGCCGTCCCCAAGGAACTG
TCCAGTTCAGTTTTAGCATGAAAGGTCACGAGAAGAACCAAGTCTAAGACTCGGAGCCTGCTCAAGC
GGATGGAGAGCTTGAAGCTCAAGGGTCCCACCACAGCAAGCACAAGGCACCCCTAAGCTGGGGTTGAT
CATCAGCGCTCCCATCCTTCAGGAGGGCATGGACGAGGAGAAGCTGAAGCAGCTGAAGTGTGTGGAGATC
TCGGCCCTCAATGGCAACCACATCAACGTGCCATGGTACGAAAAGGAGTGTGTCTAACTCCACGCAGA
CCAGCAGTAGCAGCAGTCAGTCAGAGACCAGCAGTGCCGTGAGCAGCAGCCAGCCCGGTACCCAGGACAG
GAGCCTCAGCACCTGTAACAAGCGGGTGGGCATGTACCTTGAGGGCTTCGACCCTTTCAGTCAGTCTGCC
TTTAATAATGTGACAGAGCAGAATAAAGAACCGAGAGAGCTACCCGGAGGACACAGTGTCTACATTC
CCGAAGACCACAAGCCTGGCACCTTCCCCAAGGCCCTCTCCAATGGCAGTTTCTGTCCCTCGGGGAACAG
TTCTGTGAACTGGAGGACTGGAAGCTTTACGGCCCTGGCCACCTCAGCCTACGGAGAGAAAACAGCAGC
GACAGTCTAAGGAGCTGAAGAGACGCAACTCCTCCAGCTCCGTGAGCAGCCGTATGAGCATCTATGACA
ACGTGCCGGGCTCTATCCTTTACTCCAGCTCGGGCGAACTGGCCGACCTGGAGAACGAGGACATCTTCCC
TGAGCTCGATGACATTCTACACGTGAAGGGATGCAGCGGATAGTCAACCAGTGGTCTGAAAAGTTC



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TCGGACGAGGGCGACTCGGACTCAGCCCTGGACTCTGTGTCTCCTTGCCCGTCGTCGCCAAAACAGATAC
 ACCTGGACGTGGACCACGACCGAAGGACACCCAGTGACCTGGACAGCACAGGCAACTCCCTCAACGAGCC
 CGAGGAGCCCACCGATATCCCTGAAAGAAGAGACTCAGGGGTGGGGGCTTCCCTGACCAGGTGTAATAGG
 CACAGACTGAGATGGCATAGCTTTCAGAGCTCTCACCGGCCGAGCCTGAACTCTGTGTCTCTGCAGATTA
 ACTGTCACTGTGGCCAGATGAACCTACTGCAGAAATACTCACTCTGAAATTGACGGCCCTGCTGGA
 AAAGTACACGCCTTCCAACAAGCATGGCTTCAGCTGGCCGTGCCAAGTTTATGAAAAGGATCAAGGTT
 CCAGACTACAAGGACCGGAGTGTGTTGGGGTCCCCCTGACCGTGAATGTGCAGCGCTCAGGACGCCCC
 TGCTCAGAGCATCCAGCAGGCCATGCGCTACCTCCGTAACCATTTGTCTGGACCAGGTTGGGCTCTTCAG
 GAAGTCAGGTGTCAAATCCCGGATCCAGGCCCTACGCCAGATGAACGAAAGCGCGGAAGATTACGTC AAC
 TATGAAGGCCAATCTGCTTACGATGTGGCAGACATGTTAAAGCAATATTTCCGAGATCTCCCGAGCCCC
 TCATGACGAACAACTCTCCGAAACGTTCTGCAGATCTACCAGTATGTGCCAAGGACCAGCGCTCCA
 AGCAATCAAGGCAGCCATTATGCTCCTGCCTGACGAGAACCGGGAGGTTCTCCAGACACTTCTATTTT
 TTGAGCGATGTCACGGCGGCTGTAAAGAAAACAGATGACTCCACCAACCTGGCTGTGTGCTTAGCTC
 CGTCTCTTCCACCTCAACACCCTGAAGCGAGAGAATTCTTCTCAAGGTAATGCAAAGAAAACAGAG
 TTTGGCAAACAGACCAGAAAGATCTGAATGAAAACCTAGCCGCCACTCAAGGTTGGCCACATGATT
 GCCGAGTGCAAGAAGCTCTTTCAGGTTCCTGAGGAAATGAGCCGGTGCCGTAACATACACTGAACAGG
 AGCTGAAGCCCCTGACACTGGAGGCCTTGGGACACCTGAGTAATGATCAGCCCGCTGACTACAGACACT
 CCTCCAGGACTGTGTGGATGGCCTGTTCAAGGAGGTCAAAGAGAAGTTCAAAGGCTGGGTGAGTACCCCT
 ACCTCTGAACAGGCCGAGCTGTCTATAAGAAGGTAAGCGAAGGACCCCACTAAGGCTTTGGAGGGCAA
 CCATTGAAGTCCCTGCGGCCCGGAGGAGATCTTAAAGCGCTTCTGAAGGAGCAGCACCTCTGGGATGT
 CGACCTGCTGGACTCAAAGGTGATCGAAATCCTGGACAGCCAGACTGAAATCTACCAGTACGTCCAAAAC
 AGCATGGCGCCCCACCTGCGAGGGACTACGTCGACTGAGGACCTGGAGACTAACTTGCCAGGGGAG
 CCTGTGCTCTCTTATTCACCTCTGTGGATCACGACCGGGCACCCGTGGCGGGGTGAGGGTTAATGTGCT
 CCTGTCCAGATATTTGATTGAACCTGCGGGTCAGGAAAATCCAAGCTCACCTACATGTGCAGAGCTGAT
 TTAAGGGGCCACATGCCGAGTGGTACAAAAATCTTTCGGACATTTGTGTGCAGCTGAAGTGGTAAAGA
 TCCGAGACTCCTTCAGTAATCAGAGCACTGAATCCAAGGATACCAGATCTAGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001127446
- Insert Size:** 3276 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_001127446.1](#), [NP_001120918.1](#)

RefSeq Size: 4319 bp
RefSeq ORF: 3276 bp
Locus ID: 58834
Cytogenetics: 16q12.1-q12.2