OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RR209633

Dll1 (NM_032063) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dll1 (NM_032063) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dll1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

ORF Nucleotide Sequence:

>RR209633 representing NM_032063
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCCGTCGGAGCGCGCTAGCCCTTGCCGTGGTCTCAGCCCTGCTGTGCCAGGTCTGGAGCTCTGGCG
TATTTGAGCTGAAGCTGCAGGAGTTCGTCAACAAGAAGGGGCTGCTGGGGAACCGCAACTGCTGCCGCGG
GGGCTCTGGCCCGCCGTGCGCCTGCAGGACCTTCTTTCGCGTATGCCTCAAGCATTACCAGGCCAGCGTG
TCCCCGGAGCCACCCTGCACCTACGGCAGTGCGGTCACCGCAGTGCTGGGTGTCGACTCCTTCAGCCTGC
CTGATGGCGCAGGCATCGACCCCGCCTTCAGCAACCCCATCCGATTCCCCTTCGGATTCACCTGGCCAGG
TACCTTCTCTCTGATCATTGAAGCCCTCCACACAGATTCTCCTGACGACCTCGCAACAGAAAACCCAGAA
AGACTCATCAGCCGCCTGACCACACAGAGGCACCTCACTGTGGGAGAAGAGTGGTCTCAGGACCTTCACA
GTAGCGGCCGCACAGACCTCCGCTACTCTTACCGGTTTGTGTGTGATGAACACTACTATGGAGAAGGCTG
CTCCGTGTTCTGCCGACCGCGGGATGATGCCTTTGGCCACTTCACCTGCGGGGAGAGAGGGGAGAAGATG
TGCGACCCTGGCTGGAAAGGCCAGTACTGCACTGACCCCATTTGTCTGCCAGGCTGTGATGACCAACATG
GATATTGTGACAAACCGGGGGAATGCAAGTGCAGAGTTGGCTGGCAGGGCCGCTACTGCGATGAATGCAT
CCGATACCCAGGCTGTCTCCATGGTACCTGCCAGCAGCCCTGGCAGTGTAACTGCCAGGAAGGCTGGGGG
GGCCTCTTCTGCAACCAGGATCTGAACTACTGCACTCACCATAAGCCATGCAGGAACGGAGCCACCTGCA
CCAACACGGGCCAGGGGAGCTACACATGCTCTTGCCGACCCGGGTATACAGGGGCCAACTGTGAGCTGGA
GGTAGATGAGTGTGCTCCCAGCCCCTGCAGGAATGGAGGGAGCTGCACGGATCTTGAGGACAGCTACTCT
TGCACCTGCCCTCCTGGCTTCTATGGCAAGGTCTGTGAGCTGAGCGCCATGACGTGTGCAGATGGTCCTT
GCTTCAATGGGGGACGATGTTCGGATAACCCCGATGGAGGCTACACCTGCCATTGCCCTGCGGGCTTCTC
TGGCTTCAACTGTGAGAAGAAGATTGATCTCTGTAGCTCTTCCCCTTGTTCTAACGGTGCCAAGTGTGTG
GACCTCGGCAACTCCTACCTGTGCCGATGTCAGACTGGCTTCTCCGGGAGGTACTGCGAGGACAATGTGG
ATGACTGTGCCTCTTCTCCCTGTGCAAACGGGGGCACCTGCCGGGACAGTGTGAACGATTTCTCCTGTAC
CTGCCCACCTGGCTACACAGGCAGGAACTGCAGCGCCCCTGTCAGCAGGTGTGAGCATGCACCCTGTCAT
AACGGGGCCACCTGCCACCAGAGGGGCCAACGCTACATGTGTGAGTGCGCCCAGGGCTATGGCGGCGCCA
ACTGCCAGTTCCTGCTCCCTGAGCCACCACCAGACCTCATAGTGGCGGCCCAGGGCGGGTCCTTCCCCTG
GGTGGCTGTGTGTGCCGGGGTGGTGCTTGTCCTCCTGCTGCTGCTGGGCTGTGCTGCTGTGGTGGTCTGC
GTCCGGCTGAAGCTACAGAAACACCAGCCTCCGCCTGATCCTTGCGGGGGAGAGACAGAGACCATGAACA
ACCTAGCCAATTGCCAGCGTGAGAAGGATGTTTCTGTTAGCATCATTGGGGCTACACAGATCAAGAACAC
CAACAAGAAGGCGGACTTTCATGGGGACCATGGTGCTGACAAGAGCAGCTTTAAGGCCCGATACCCCACT
GTGGACTATAACCTCATTCGAGACCTCAAGGGAGATGAAGCCACGGTCAGGGATGCACACAGCAAACGTG
ACACCAAGTGCCAGTCACAGGGCTCTGTAGGAGAAGAGAAGAGCACCTCAACGCTCAGGGGTGGGGAGGT
TCCCGACAGAAAAAGGCCCGAGTCTGTCTACTCTACTTCAAAGGACACCAAGTACCAGTCGGTGTATGTT
CTATCTGCAGAAAAGGATGAGTGTGTTATAGCGACTGAGGTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

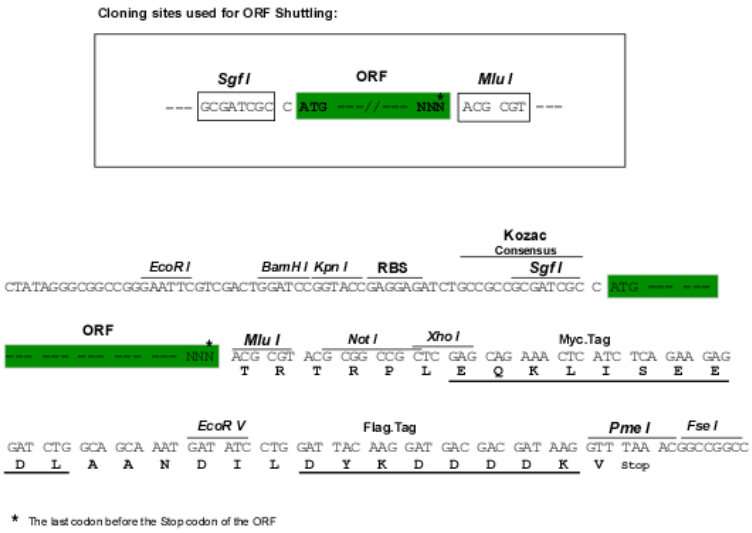
>RR209633 representing NM_032063
Red=Cloning site Green=Tags(s)

MGRRSALALAVVSALLCQVWSSGVFELKLQEFVNKKGLLGNRNCCRGGSGPPCACRTFFRVCLKHYQASV
SPEPPCTYGSAVTAVLGVDSFSLPDGAGIDPAFSNPIRFPFGFTWPGTFSLIIEALHTDSPDDLATENPE
RLISRLTTQRHLTVGEEWSQDLHSSGRTDLRYSYRFVCDEHYYGEGCSVFCRPRDDAFGHFTCGERGEKM
CDPGWKGQYCTDPICLPGCDDQHGYCDKPGECKCRVGWQGRYCDECIRYPGCLHGTCQQPWQCNCQEGWG
GLFCNQDLNYCTHHKPCRNGATCTNTGQGSYTCSCRPGYTGANCELEVDECAPSPCRNGGSCTDLEDSYS
CTCPPGFYGKVCELSAMTCADGPCFNGGRCSDNPDGGYTCHCPAGFSGFNCEKKIDLCSSSPCSNGAKCV
DLGNSYLCRCQTGFSGRYCEDNVDDCASSPCANGGTCRDSVNDFSCTCPPGYTGRNCSAPVSRCEHAPCH
NGATCHQRGQRYMCECAQGYGGANCQFLLPEPPPDLIVAAQGGSFPWVAVCAGVVLVLLLLLGCAAVVVC
VRLKLQKHQPPPDPCGGETETMNNLANCQREKDVSVSIIGATQIKNTNKKADFHGDHGADKSSFKARYPT
VDYNLIRDLKGDEATVRDAHSKRDTKCQSQGSVGEEKSTSTLRGGEVPDRKRPESVYSTSKDTKYQSVYV
LSAEKDECVIATEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_032063

ORF Size: 2142 bp

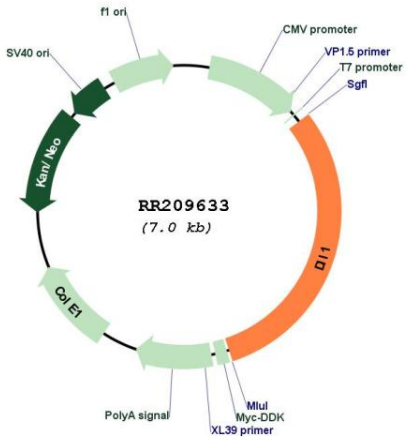
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_032063.2, NP_114452.1
RefSeq Size:	3171 bp
RefSeq ORF:	2145 bp
Locus ID:	84010
UniProt ID:	P97677
Cytogenetics:	1q12
MW:	77.4 kDa
Gene Summary:	homolog of the Notch Delta ligand; member of the delta/serrate/jagged family; may play a role in cell fate decisions during hematopoiesis [RGD, Feb 2006]

Product images:



Circular map for RR209633