

Product datasheet for **RR214834**

Derl1 (NM_001014202) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Derl1 (NM_001014202) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Derl1
 Synonyms: RGD1311835
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR214834 representing NM_001014202
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCGACATCGGGGACTGGTTCAGGAGCATCCCGCCATCACGCGCTACTGGTTTGTGCCACCGTCG
 CGGTCCCCTTGATCGGCAAGCTCGGTATTATCAGCCCGGCCTACTTCTCCTCTGGCCCGAAGCCTTCT
 CTATCGCTTCCAGATATGGAGGCCGTTCACTGCCACCTTTTATTCCCGTGGGGCCCGAACTGGATTT
 CTTATTTGGTCAATTTATTTCTTATATCAGTATTCTACACGGCTTGAGGCAGGAGCTTTTGACGGGA
 GGCCAGCAGACTATTTATTCATGCTTCTTCAACTGGATCTGCATTGTTATTACTGGCTTAGCCATGGA
 TATGCAGTTGCTGATGATTCCTCTAATCATGTCTAGTACTTTACGTCTGGGCCAGCTGAACAGAGACCTG
 ATTGTATCATTTTGGTTTGGAAACACGATTTAAGGCCTGTACTTACCTTGGGTTATCCTCGGATTCACT
 ATATCATTGGAGGCTCGGTCATCAATGAGCTCATTGGAACCTTGTCCGACATCTTTATTTCTTCTGAT
 GTTCAGATACCAATGGATTTGGGAGGAAGGAATTTCTGTCCACACCTCAGTTTTTGTACCGCTGGCTA
 CCCAGCAGGAGAGGGGGTGTGAGGCTTCGGTGTGCCCTGCAAGCATGAGGCGAGCTGCTGATCAGA
 ATGGCCGAGGTGGGAGACAACTGGGGCCAGGGCTTCCGACTTGAGACCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR214834 representing NM_001014202
Red=Cloning site Green=Tags(s)

MSDIGDWFRSIPAITRYWFAATVAVPLIGKLGII SPAYFFLWPEAFLYRFQIWRPFTATFYFPVPGTGF
 LYL VNL YFLYQYSTRLEAGAFDGRPADYLFMLLFNWICIVITGLAMDQLLMIPLIMSVL YVWAQLNRDL
 IVSFWFGTRFKACYLPWVILGFNYIIGGSVINELIGNLVGHLYFFLMFRYPMDLGGRNFLSTPQFLYRWL
 PSRRGGVSGFGVPPASMRRAADQNGGGGRHNWQGFR LGDQ

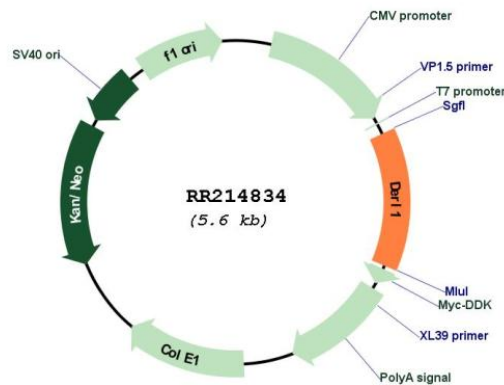
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001014202
ORF Size: 753 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:	<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:	NM_001014202.1 , NP_001014224.1
RefSeq Size:	2789 bp
RefSeq ORF:	756 bp
Locus ID:	362912
Cytogenetics:	7q33
MW:	28.8 kDa