

Product datasheet for **RR204314**

Dvl3 (NM_001107081) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dvl3 (NM_001107081) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dvl3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>RR204314 representing NM_001107081
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGACGACGATTTTGGAGTGGTGAAGGAAGAGATCTCGGATGACAATGCCAAGCTGCCCTGCTCAATG
 GCCGGTGGTGTCTGGCTGGTATCGGCCGAGGGCTCACACCCAGAGCCAGCCCTTCTGTGTGACAA
 CCCCTCAGAGCTGCCTCCTTCAATGGAACGCACAGGAGGCATCGGTGACTCTCGGCCCCCTCCTCCAC
 CCTCATGTAGTGGGGCAGCCAGGAGAACTTGGACAATGACACAGAGACCGACTCCTTGGTATCTGCC
 AACGAGAGCGGCCAGACGGAGGGATGGCCCTGAGCACGAGCCGCCTCAATGGAACCAAAAGGGCGA
 GCGGCGACGGGAGCCAGGTGGCTATGACAGTTCATCTACCCTCATGAGCAGCGAGCTGGAGACTACCAGT
 TTCTTTGATTAGATGAGGATGACTCCACCAGCAGTTCCAGCAGCTCCACAGAACAGAGCAGTGCCTCAC
 GCCTAATGAGAAGACACAAGCGGCCGACGGAAGCAGAAGTCTCCCGATTGAGCGGTCTCCTCCTT
 CAGCAGCATCACAGACTCCACTATGTCTCTCAACATCATCACAGTACTCTCAACATGAAAAAGTATAAC
 TTCTTGGGCATCTCCATTGTGGCCAGAGCAATGAGCGAGGTGATGGGGGCATCTACATTGGCTCCATCA
 TGAAGGTGGGGCAGTGGCGGTGATGGACGATTGAGCCGGGAGATATGCTGTTGCAGGTAATAGAGT
 CAACTTCGAGAACATGAGTAATGATGACGAGTCAAGTCTTCGGGAGATCGTGACAAACCAGGGCCC
 ATCACTCTGACTGTAGCCAAGTGTGGGACCAAGTCTCGTGGCTGCTTACATTACCCCGGAGTGAGC
 CCATCCGTCCTTACCTGCAGCCTGGGTCTCCCACTGCAGCCATGACAGGAACCTTCCCTGCCTA
 TGGCATGAGCCCTCCTAAGCACCATCACCTCCACCAGTCTCCATCACAGCTCCATCCCGACACA
 GAACGCCTAGATGATTTCCACCTCTCCATCCACAGTACATGGCGCCATCGTAAAAGCCATGGCCTCCC
 CCGAGTCAGGGCTGGAGGTCCGAGACCGCATGTGGCTCAAGATTACCATTCCCAATGCTTTCATCGGCTC
 AGATGTGGTGGACTGGCTGTATCACAATGTGGAAGGATTCACCGACCGGGGAGGCCCGCAAGTACGCT
 AGCAACCTGCTGAAGGCTGGATTATCCGCCACACGGTCAACAAGATCACGTTCTCTGAGCAGTGTACT
 ACATCTTTGGTACCTCTGTGGCAACATGGCCAACCTATCGTGCACGACCATGATGGTCCAGTGGTGC
 CTCTGACCAGGACACACTGGCTCCTTGGCGACCCAGGGGTGCCCTTGGCTATGGCTTTCCTTAC
 CAGTACCCACCACCTCCGCACCCGTACAACCCACACCCAGGTTCCCGGAGCTGGGTACAGCTACGCTG
 GGGCAGCGCCAGCAGTACGACAGTGAAGGTAGTAGGAGCAGTGGTCCAACCGAAGTGGCAGCGACCG
 GCGCAAGGAGAAGGACCCAAAAGCTGGGACTCAAAGTCAGTGGTAGCGGCAGCGAGTACAGCCACT
 ACACGCAGCAGTCTGCGGGGCCACGGGAGCGGCACCAAGCAGCGCTCAGGCCAGCGCCAGCGAGC
 ACAGCCACCGCAGTCATCATTCACTGACCAGTAGCCTGCGCAGCCACCACACACCCAAAGCTATGGCCC
 ACCCGGAGTGCCCTCTCTATGGTCCCGCATGCTGATGATGACCCACCGCCTGCAGCCATGGGGCCC
 CCAGGAGCCCCTCCAGGGCGTGACTGGCTCGGTGCCCGGAACTGACGGCCAGCAGACAGTCTTCC
 GCATGGCAATGGGAAACCCAGTGAGTTCTTTGTGGATGTGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR204314 representing NM_001107081
 Red=Cloning site Green=Tags(s)

MDDDFGVVKEEISDDNAKLPCFNRRVSWLVSAEGSHPEPAPFCADNPSELPPSMERTGGIGDSRPPSFH
 PHASGGSQENLNDTETDSLVAQRERPRRRDGPPEHAARLNGTTKERRREPGGYDSSSTLMSSELETTS
 FFDSDEDDSTSRFSSSTEQSSASRLMRRHKRRRKKQKVSRIERSSFSITDSTMSLNIIITVTLNMEKYN
 FLGTSIVGQSNERGDGGIYIGSIMKGGAVAADGRIEPMMLLQVNEINFENMSNDDAVRVLREIVHKPGP
 ITLTVAKCWDPSPRGCFILPRSEPIRPIDPAAWVSHTAAMTGTFPAYGMSPLSTITSTSSITSSIPDT
 ERLDDFHLSIHSDMAAIVKAMASPESGLEVRDRMWLKITIPNAFIGSDVVDWLYHNVEGFTDRREARKYA
 SNLLKAGFIRHTVNKITFSEQCYIFGDLCGNMANLSLHDHDGSSGASDQDTLAPLPHPGAAPWPMAPFY
 QYPPPPHPYNPHPGFPELGYSYAGGSASSQHSEGRSSGSNRSGSDRRKEKDPKAGDSKSGSGSESDHT
 TRSSLRGRPRERAPSERSGPAASEHSHRSHSLTSSLRSHHTPSYGPPGPVPLYPGPMMLMTPPPAAMGP
 PGAPPGRDLASVPPELTASRQSRMAMGNPSEFFVDVM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001107081

ORF Size: 2004 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_001107081.2](#), [NP_001100551.1](#)

RefSeq Size: 2007 bp

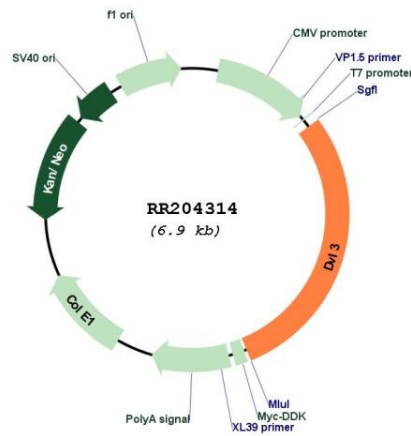
RefSeq ORF: 2007 bp

Locus ID: 303811

Cytogenetics: 11q23

MW: 72.6 kDa

Product images:



Circular map for RR204314