

Product datasheet for **RN213018**

Dvl1 (NM_031820) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dvl1 (NM_031820) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dvl1
Synonyms:	dvl-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213018 representing NM_031820
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGAGACAAAATCATCTACCACATGGACGAGGAGGAGACGCCGTACCTGGTCAAGCTGCCGTAG
 CTCCCGAGCGCTCACGCTGGCAGACTTCAAGAACGTGCTCAGCAACCGCCGGTGCACGCCTACAATT
 CTTCTTCAAGTCTATGGACCAGGACTTCGGGGTGGTGAAGGAGGAGATCTTCGACGACAATGCCAAGTTG
 CCCTGTTCAATGGCCGTGTGGTTTCTGGCTGGTCTGGCTGAGGGCGCTCACTCGGATGCAGGGTCCC
 AGGGCACTGACAGCCACACGGACCTGCCCCACCCCTTGAGAGGACAGGGCGCATTGGGGACTCCAGGCC
 CCCCTCCTCCATCCAAATGTTGCCAGTAGCCGAGATGGAATGGACAATGAGACAGGCACAGAGTCAATG
 GTCAGTACCGGGCGGAGCGAGCCCGACGTCGAAACCGTGATGAGGCTGCCCGGACCAATGGGCACCCAA
 GAGGGGACCGGGCGGGAGCTGGGACTACCTCCAGACAGTGCCTCCACTGTACTGAGCAGTGAAGTTGA
 ATCTAGCAGCTTTATTGACTCAGATGAGGAGGACAACACGAGCCGGCTGAGCAGCTCTACAGAGCAGAGT
 ACCTCCTCTCGGCTAATTCGTAAGCACAAATGCCGTGCTCGGAAGCAGCGCTTGAGGCAGACAGACCGGG
 CATCCTCCTTCAGCAGCATCACCGACTCTACCATGTCCCTGAACATCATCACTGTACGCTCAACATGGA
 GAGGCACCACTTCTGGGCATCAGCATCGTGGCCAGAGCAACGACCGGGGTGATGGCGGCATCTACATT
 GGATCCATCATGAAGGGCGGGCTGTGGCTGCTGATGGCCGATTGAGCCAGGGCAGATGTTGCTGCAGG
 TGAATGATGTCAACTTTGAGAACATGAGCAACGATGATGCCGTGCCGGTCTTCGGGAGATCGTATCCCA
 GACGGGGCCCATCAGTCTCACAGTGGCCAAGTGTGGGACCAACCCCTCGGAGCTACTTACCATCCCA
 AGGGCTGACCCAGTGCAGCCATCGACCCGGCTGCCTGGCTGTCCACACAGCAGCACTGACCCGTGCTC
 TGCCCCGCTATGGTACGAGTCCCTGCTCCAGGCCATCACACGCACCAGCTTTCCTCACTAACCAGCTC
 AGTGCCTGGCGCCACAGCTTGAGGAGGCACCCTGACTGTGAAGAGTGACATGAGTGCCATTGTCCGC
 GTCATGCAGTTGCCAGACTCGGGACTGGAGATCCGGGACCGCATGTGGTTAAGATCACCATGGCAATG
 CTGTCTTGGGGCGGATGTGGTGGACTGGCTGTACACACACGTGGAGGGTTCAAGGAGCGAAGGGAGGC
 GAGGAAGTATGCCAGCAGCATGCTGAAGCATGGTTTCTGCGGCACACGGTGAACAAGATCACTTTCTCT
 GAGCAGTGTACTATGTCTTTGGTGACCTGTGCAGCAACCTCGCATCCCTGAACCTCAACAGTGGCTCCA
 GTGGAGCCTCAGATCAGGACACACTGGCCCACTGCCCAACCTCTGTACCCTGGCCCTGGGTCAAGG
 CTATCCCTACCAGTACCAGGACCCCGCCCTGCTTCCACCTGCTTACCAGGACCTGGCTTCAAGTAT
 GGCAGTGGCAGTGTGGGAGTCAAGAGTGAAGGGAGCAAGAGCAGTGGGTCCACAGGAGCAGCCATC
 GCACCCAGGCCGAGAGGAGCGCGGGCAACTGGAGCTGGGGGTAGTGGCAGTGAATCAGACCACACAGT
 ACCAAGTGGGTCTGGTAGCACTGGCTGGTGGGAGCGGCCTGTACGCCAGCTTAGCCGTGGCAGTAGCCCT
 CGAAGTCAGGCTTCAAGTGTGGCCAGGGCTCCCTCCACTGCACCCCTTACCAAGGCCTATGCAGTAG
 TGGGTGGGCCACCTGGAGGGCCACTGTCCGGGAGCTGGCTGCTGTTCTCCAGAAGTACAGGTAGCCG
 CCAGTCTTCCAAAAGGCCATGGGAAACCCCTGTGAGTTCTTTGTGGACATCATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_031820

Insert Size: 2088 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:	<u>NM_031820.1</u> , <u>NP_114008.1</u>
RefSeq Size:	2955 bp
RefSeq ORF:	2088 bp
Locus ID:	83721
UniProt ID:	<u>Q9WVB9</u>
Cytogenetics:	5q36
Gene Summary:	mouse homolog contributes to social and sensorimotor behavior [RGD, Feb 2006]