

Product datasheet for **RN212450**

Best2 (NM_001108895) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Best2 (NM_001108895) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Best2
Synonyms:	Vmd2l1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212450 representing NM_001108895
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACCGTCACCTACACAGCCCGAGTGGCGAATGCCCGCTTCGGTGGCTTCTCGCAGCTGCTGCTGTTGT
GGCGCGGAAGCATCTACAAGCTCCTGTGGCGAGAGCTGCTGTGTTTCTGGGACTCTACATGGCACTAAG
CGCCGCCTATCGCTTCTTACTGGCAGAAGAGCAGAAGCGCTACTTCGAGAAGCTTGCATATACTGCGAC
CAGTACGCCAGCCTCATCCCGTCTCGTTTGTACTTGGCTTCTACGTGACTCTGGTGGTGCATCGCTGGT
GGAACCACTACCTATGCATGCCCTGCCAGACGCACTTATGTGCATAGTGGCCGGCACCGTGCATGGGCG
CGACGATCGGGGCGCCTCTACCGGCGCAGCTCATGCGCTACGCAGGGCTCTCCGCGGTGCTGATCCTT
CGTTCTGTAGCACAGCAGTCTCAAACGGTTTCCACCATAGACCACGTGGTGGAGGCTGGATTTATGA
CCCAGAGGAGCGCAAGAAGTTCGAGAAGTGAAGTCTGCTCTACAACAAGTACTGGTGCCTGCGTGTG
GTTCTCCAGCTTGGCAGCGCAGGCGCAGCAGAGGGGCGTATCCGTGATAACAGTGCCTTAAATTGCTG
CTAGAGGAGCTGAATGTGTTCCGGAGCAAGTCCGGGATGCTGTTTCACTACGACTGGATTAGCATACCCC
TCGTCTACACCCAGGTAGTCACTATCGCAGTGTACAGCTACTTCTTGGCTTGCCATCGGCCGTGAGT
CCTAGACCCTGCACAGGGCTACAAGACCACACCTGGACCTATGCATTCGGATCTTACCTTGCTGCAG
TTCTTCTTCTACGCTGGCTGGCTTAAGGTAGCAGAGCAGCTTATTAACCTTTCCGAGAGGACGACGACG
ACTTCGAGACCACTTTCTTATTGACCGCAACTCCAGGTGTCCATGCTAGCGGTAGATGAGATGTATGA
CGACTTGGCCATGTTGAAAAAGATCTATACTGGGATGCAGCGGAAGCTCGAGCGCCCTACACCGCGGCC
ACCGCTTCTCTGCTTTCAGCAACCCTCCTCCAGGGTCCACCTTTGATATAGCGTGGCTAAAGAGGACA
TGCAGTCCAGCGGCTGGACGTTGTGGATGGCCCTCTGGGAGAGGCTCACGGGGACTTCTGCAGCGCCT
CTGCGCGCGGGGCGGGTACTGTGGTCCGCTGGGGCGGCGCCTGTCACTCTTGCGGCGAAAGAACAGC
TGCCTGTCCGAGGCTCCACCGCAGCCAGCTGCAGCTGTGCAGGCGCGGGATGGTGGAGGCGTTGAGT
GCGGTTGTGGCGATCCATTGCTCGACCCAGCCTGCGGGAACCTGAGCTGGAGCCTCCCGCATGTCTGA
GCCGCTGCCCTATCCCGGGCCCAACTCTGAACCTTTTACCCTGTGTGATTCCCGGGCCTCGGGCT
CCTGCGCCACCCTGGCTACCCAGCCCTATTGGAGAGGAGGAAGAGAGTCCGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108895

Insert Size: 1527 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_001108895.1](#), [NP_001102365.1](#)

RefSeq Size: 2006 bp

RefSeq ORF: 1527 bp

Locus ID: 364973

Cytogenetics: 19q11