

Product datasheet for **RN217087**

Best3 (NM_001191783) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Best3 (NM_001191783) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Best3
Synonyms:	Vmd2l3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217087 representing NM_001191783
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTGTCACCTACTCCAGTAAAGTAGCAAATGCGACTTTTTTTGGATTTCATAGTTGCTCCTCAAGT
 GGAGAGGCAGCATCTACAACTGCTGTACAGGGAATTTATTGTTTTGCTGTTCTTTACACAGCAATCAG
 TCTGGTGTACAGATTGTTACTTACAGGAGCCAAAAACGTTACTTTGAAAAATTATCAATTTACTGTGAC
 AGATATGCTGAACAAATCCAGTAACTTTGTGCTTGGGTTTTACGTTACTCTGGTAGTGAACCGATGGT
 GGAACCAAGTTTGTGAATCTGCCTTGGCCAGACAGGCTGATGTTCCCTCATCTCCAGCAGTGTCCACGGGAG
 CGACCAGCATGGGCGCTGCTCAGAAGGACGCTGATGCGCTACGTCAATCTCACGTCCTTGTCTATCTTC
 CGCTCGGTGAGCAGCGGTGTACAAAAGATCCCCACCATGGACCACGTGGTGAAGCAGGTTTTATGA
 CGGCAGATGAGAGGAAGTTATTCGACCACCTCAAGTGCCTCATCTGAAATACTGGGTTCCGTTCAATTTG
 GTTTGGAAATCTTGCAACCAAAGCCCGAATGAAGGCAGAATCAGAGACAGCGTCGATCTACAATCACTG
 ATGACCGAAATGAATCGGTACCGCTCTTGGTGCAGCCTCTATTTGGTTACGACTGGGTTGGCATTCCAC
 TGGTTTACACACAGGTCGTCACCTCTCGCGCTACACGTTCTTCTTTGCATGCCTGATCGGACGGCAGTT
 CCTGGATCCCACCAAAGGCTACGCGGGACACGACTTGGACCTGTACATTTCCCATCTTACCTCCTCCAG
 TTCTTCTTCTACGCAGGATGGCTCAAGGTTGCCGAGCAGCTGATCAACCTTTTCGGGGAAGACGACGACG
 ACTTCGAAACAACTGGTGCATTGACAGAACTGCAGGTCCTCTTCTGGCTGTGGATGAAATGCACAT
 GAGTTTACCCAAGATGAAGAAGGACATTTACTGGGACGACTCTGCTGCTCGGCCACCGTACACGCTGGCA
 CGCGGTGACTACTGTATACCTTCTTCTGGGCTCAACAATCAAATGGGGCTGCCGGTCCGACTTTC
 CGCGGAGGATTGGCTGTGGAATATGAGAAGCAAGGCCACCGCACTCGGTGATGAGGAGGGTCAAGCG
 TTTCTGAGTACCCACGAGCACCCCGCAGTCCCAAGAGGAGGAGGATTTTCGGCAGGCAGGCCAGTGAC
 AGCTCCATGTTCTTCCCCCAAGCCAGCTCGGGATCTGCTGAATGTGCCCTCAAGGAACCCCCACCGAG
 GCTCACCTACCCGGAAGCAATCCCACTCCAGGAGGGCAGCCCTAAGCTTCACTCCAGCATGGGAGAATT
 GTCCACCATCAGGGAGACCAGCCGACCAGCACTCTGCAGAGCCTGAGCCAGCAGTCCAGTGTGAGGGCC
 TCCCTACCAAATGCCCGAGTCCCGAGGTCCTAATCACTGCAGCCGAAGCCCCGAGGCGCGTTTCG
 CATCAGACAACCATCAGCGTACTCCACTACCTCCATCTTGAAGCCTGAGTTCAGTGGGGTGCAGGCGAG
 CGGGACTGAGCAGCAGGAAGACCCCTCGGGGAAGGTGACACCTCTGGGACCCCGAACCCAGACTATT
 TCAGCCGGGACTGAAAAGACTTGTCAAGTTTGAGGAAGATCTAGATGATGACATATTTCCCAAAGGT
 GGAGCCTACCAAGTGTTCGGGAGTCCAGGCACACCTCCCTAGGAACTTAGGTCCGGATCCTGTGAGTCC
 AGAGAATGCTCTTTTACTTGACACAGAAACATCCTCAGAGACCAACGGAGTCCATCCTGGGGCTGGCTCT
 GCCGTCTCTCCGACATCCTGTATTTAATGGAAAGTTGGATAAGGAAACGGACATCCTGGAGTTTAAACA
 ACGAGCACACTGAAGAACCCCTAAGGGAACACCGCCGCGCCCCAGGACCTGGTTCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191783

Insert Size: 2019 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001191783.1, NP_001178712.1</u>
RefSeq Size:	2970 bp
RefSeq ORF:	2019 bp
Locus ID:	314847
Cytogenetics:	7q22