

Product datasheet for **RN216765**

Nova1 (NM_001100541) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nova1 (NM_001100541) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nova1
Synonyms:	Nova-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216765 representing NM_001100541
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCAGCTCCCATTACAGACAACGGGACCCATACGGGGTTCATAGATCTGGACCCGCCGGACT
 CGCGGAAAAGGCCGCTTGAAGCGCCCCCTGAAGCCGGCAGCACCAAGAGGACCAACACGGGGAAGACGG
 CCAGTACTTTCTAAAGGTCCTCATACTAGTTATGCTGCTGGATCTATAATTGGGAAGGGAGGACAGACA
 ATTGTTCAAGTTGCAAAAGGAAACGGGAGCCACGATCAAGCTGTCTAAGTCCAAAGATTTTTATCCAGGTA
 CTACTGAGAGGGTTTGTGTTGATCCAGGGAACGATTGAAGCACTGAATGCAGTTTCATGGATTCATTGCAGA
 AAAAATTCGAGAAATGCCCAAATGTTGCCAAGACAGAACAGTCAGTATCCTGCAACCTCAGACCACC
 GTTAACCTGATCGCATCAAACAAGTAAGGATTATAGTTCCCAACAGCACAGCAGGTCTGATAATAGGGA
 AGGGAGGTGCTACTGTGAAGGCTATAATGGAGCAGTCAGGGGCTTGGGTGCAGCTTCCAGAAACCTGA
 TGGGATCAACTTGAAGAGAGGGTTGCTACTGTGAGTGGAGAACCTGAACAAAACCGAAAAGCTGTTGAA
 CTTATCATCCAGAAGATACAAGAGGATCCACAGAGTGGCAGCTGTCTCAATATCAGTTATGCCAATGTGA
 CAGGTCCAGTGGCAAATCCAATCCAACCGGATCTCCTTATGCAAACACTGCTGAAGTGTACCAACTGC
 CGCAGCCGCCGAGGGCTATTAGGACATGCTAACCTTGCCGGTGTGCGGCCCTCCAGCAGTTTTATCT
 GGCTTCACAGGCAATGACCTGGTGGCCATCACCTCTGCACTTAATACATTAGCCAGCTATGGATATAATC
 TCAACACATTAGGTTTAGGTCTCAGCCAAGCAGCAGCAACGGGGGCTTTGGCTGCCGAGCTGCCAGTGC
 CAACCCAGCAGCAGCAGCCAATTTGTTGGCCACCTATGCCAGTGAAGCCTCAGCCAGCGGCAGCACA
 GCTGGTGGAAACGGCGGGGACATTTGCATTAGGTAGCCTGGCTGCTGCTACTGCTGCAACCAATGGATACT
 TTGGAGCTGCCTCACCCTAGCTGCCAGTGCATTCTAGGGACAGAGAAATCCACAGATGGATCAAAGGA
 TGTAGTTGAAATAGCAGTTCCAGAAAACCTAGTTGGTGCATACTTGGCAAAGGAGGAAAACCTTAGTG
 GAATACCAGGAGTTGACTGGTGCAGGATACAGATCTCCAAAAGGGAGAGTTCTGACTGCGCACACGGA
 ATCGGAAGGTAACCACTTACTGGAACACCAGCTGCAACACAGGCTGCTCAGTATTTAATTACAGAGGAT
 CACATATGAGCAAGGAGTGCGGGCCCAATCCTCAGAAAAGTGGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001100541
- Insert Size:** 1449 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:

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_001100541.1](#), [NP_001094011.1](#)

RefSeq Size: 3514 bp

RefSeq ORF: 1449 bp

Locus ID: 298992

Cytogenetics: 6q21