

Product datasheet for **RN207379**

Top3b (NM_001105861) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Top3b (NM_001105861) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Top3b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207379 representing NM_001105861
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGACGGTGTCTCATGGTAGCAGAAAAGCCATCCCTGGCACAATCCATTGCCAAAATCCTCTCCCGAG
 GAAACATGTCCTCACACAAGGGCTAAATGGGGCGTGTTCAGTGCACAAATACACAGGAACCTTTGCTGG
 CCAGCCCGTCCACTTCAAGATGACATCTGTCTGTGGTCTGTGATGACACTGGATTTTCTGGGAAAGTAC
 AACAAAGTGGGATAAGGTAGATCCTGCAGAGTTATTAGCCAAAGCTCCAACAGAGAAAAAGGAAGCAAACC
 CCAAGCTGAACATGGTCAAGTTCCTGCAGGTGGAGGGCAGAGGCTGTGACTACGTCGTGTGGCTGGA
 CTGTGACAAGGAAGGCGAGAATATTTGCTTTGAGGTCCTTGATGCCGTTCTGCCTGTCTGAATAATGCC
 CACAATGGTGAGAAGACAGTGTCCGGGCCAGGTTCAAGTCCATCACAGACACGGACATCTGCAATGCCA
 TGACCCGCTGACTGAGCCAGACCACAATGAGGCACTCTCGGTGGATGCCCGCCAGGAGCTAGACCTGCG
 CATCGGCTGTGCGTTCACTAGGTTTCAAACAAAGTATTTCCAGGAAAAATATGGCGACTTAGACAGCTCT
 CTATCTCCTTTGGGCCCTTGTGAGACTCCAACCTGGGATTCGTGTAGAAAAGACATGATAAAATCCAGT
 CCTTCAAACAGAGACCTACTGGTACTTCAGGCCAAGGTTTCACTGATAAAGAGGAGTCACTCCTTTT
 GGACTGGGACCGAGTTAGAGTTTTGACCCGGGAGATTGCACAGATGTTTTAAACATGACAAAGCTAGAA
 AAAGAAGCTTGGGTGGAGGCTACAAGCAAGAAAGAAAAAGCCAAGCAGAGACCATTGCTCTGAACACTG
 TGGAGATGTTGCGTGTGGCCAGTTCAGCTCTGGGTATGGGACCACAGCATGCCATGCAAGTAGCTGAGAG
 ATTATACACACAGGGCTACATCAGCTACCCACGGACAGAAACCACACACTATCCCAGAACTTTGACCTG
 AAGGGCTCTTTACGACAACAGGCCAATCACCCATACTGGGCAGACTCGGTAAGCAGTTGTTAGCAGAAG
 GCATCAACCGCCCTCGGAAAGGTCACGATGCTGGTGACCATCTCCGATCACACCAATGAAGTCAAGTAC
 AGAGGCTGAATTAGGAGGTGACGCTTGGCGACTCTACGAGTACATCACAGACACTTCATCGCCACAGTG
 AGCCATGACTGCAAGTATCTCCAGAGCACCATCTCCTTCAAGATCGGGCCGAGCACTTCACATGATGG
 GAAAGACAGTTATTTCCCAGGCTTACAGAGATCATGCCTTGGCAGAGCGTGCCCTGGAAGAGAGTCT
 GCCACATGCCAGAAGGGCGATACCTTCACTGTGGGTGAGGTGAAGATGCTAGAGAAGCAGACGAGCCCC
 CCGGACTATCTGACTGAGGCTGAGCTCATACCCTCATGGAGAAGCATGGCATCGGGACGGATGCCAGTA
 TCCCTGTGCACATCAACAACATCTGCCAGCGCACTACGTCACAGTGGAGAACGGCCCGGCTCAAGCC
 CACCAACCTCGGCATAGTTCTGGTGACGGCTACCACAAGATTGATGCAGAGCTGGTGTCTCCCACCATC
 CGCAGCGCAGTGGAGAAGCAGCTGAACCTTATTGCCAGGGCAAAGCCAACCTACCACCAGGTGCTGGGCC
 ACACCCTGGATATCTTCAAGAGAAAGTTCACTACTTTGTTGATTCTATTGCTGGCATGGACGAGTTAAT
 GGAGGTATCCTTTTACCCTGGCTGCCACTGGCAAGCCCTCTCGCGCTGTGGGAAGTGCCATCGATTT
 ATGAAGTATATCCAGGCCAAGCCAAGCCGCTGCACTGCTCCACTGCGATGAGACCTACACCCTCCCC
 AGAATGGTACCATCAAGCTCTACAAGGAGCTGCGGTGCCATTGGATGACTTTGAACTGGTCTTGTGGTC
 CTCAGGCTCCCGGGGCAAGAGCTACCCCTCTGTCCCTACTGCTATAACCACCCACCCTTCCGAGACATG
 AAGAAAGGCATGGGTGCAATGAGTGCACACACCTACGTGCCAGCACTCACTGAGTATGCTGGCATTG
 GCCAGTGGTGGAGTGCAGAAATGGAGTCTGGTCTGGACCCACCTCCGGTCCAAGTGAAGGTGGC
 CTGCAATACATGCAGCGTAGTGGCACACTGCTTTGACAATGCCACCCAGTACGGGTGTCTGTGACACC
 TGCAACACCTGCGAGGCTGCCTTGTGCTGATGACTTCAACAAGGCCAAGTCTCCCTTCTGGCAACG
 AGACACAGCACACAGGCTGCATCTTGTGACACCGTCTTCCAGGAGCTGGTGGAGCTGAAGCATGCAGC
 CTCTGCCACCCATGCACCGAGGTGGTCTGGAAGGAGGAGGGTCTGGGGCGGCCCGGGCCGGAGA
 CCTCCAGGAAAGCCCAACCCAGGCGGCCAAAAGACAAGATGTCAGCCCTGGCTGCTTACTTTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001105861
Insert Size: 2589 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_001105861.1</u> , <u>NP_001099331.1</u>
RefSeq Size:	2966 bp
RefSeq ORF:	2589 bp
Locus ID:	287930
Cytogenetics:	11q23