

Product datasheet for **MC209807**

Twistnb (NM_172253) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Twistnb (NM_172253) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Twistnb
Synonyms:	2410173G11; 2810024J17Rik; D16Wsu83e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209807 representing NM_172253 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCTGCGGGATCTGTGGAGTCTCAGCGGTCCCAGGCGGCTCCGAGAGGCCCGTGGCGGGTCAGGCCG
GGGTCTGCCTTGCTGGAGTTGCCGAGCTACGCGGCGGCGTGC GCGCTGGTGGCAGCCGCTATTCGTG
CTTGGTGGCTGCCCGCACCGCAGGCACATCGCCCTGTCGCCCGCTACCTGAGCAGGAAGCGCACGGC
ATCCGCGAGCAGCTGGACGCCGAGCTCCTGCGCTACTCCGAGAGCCTTTAGGTGTCCTATTGCATATG
ATAACATCAGAGTTGTGGTGAAGTACTAGGAGATATTTATGATGATCAAGGACACATTCATCTTAACATTGA
AGCAGATTTTGTATTTCTGCCCTGAGCCTGGGCAGACGTTAATGGGTACAGTTAATAAAGTATCGTCT
AGCCATATTGGCTGTCTAGTCCATGGATGTTTTAACGCCTCTATCCCTAAGCCTGAGCAGATGTCATATG
AGGAGTGGCAAACATTGGAGATACATGTAGGCGATGAAGTGAATTTGATGATTTTCGCTTAGATTCAGA
TTCTGCTGGAGTGTCTGCATTCGAGGAAAAGTACCAGTGGCAACTAAGCACTCTGCAGTT
TCTGAAGATGTAGCAGAAAGTGCCTTGAAGAGTTGTTGAAAAAAGTCCAAAGAAGAAAAAGAAGA
AAGACAAAGATACAGACACATGTGGAACAGTTGATAGTGTACAGAGGTTGCAGATGTTACAGATGTCAC
GCCACAGGAAGAAACAGACATACCATGTAGTGATAATGTGAATGACTTCTTTGAGGAAGGCCAAAGAAG
AAGAAAAAGAAGAAAGAAAGGCACAGGAAGATCAGGACCCATTTTCCAAGCCAGTGACTCCAGTGGCT
ACCAGAGTGACCATAACAAGAAAAAAGAAAGAAAGCAGTGAAGAGGCTAACTTTGAGTACCTAA
GAAGAGACAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_172253
Insert Size:	993 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:	NM_172253.2 , NP_758457.1
RefSeq Size:	2324 bp
RefSeq ORF:	993 bp
Locus ID:	28071
UniProt ID:	Q78WZ7
Cytogenetics:	12 A3
Gene Summary:	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. Through its association with RRN3/TIF-IA may be involved in recruitment of Pol I to rDNA promoters.[UniProtKB/Swiss-Prot Function]