

Product datasheet for **RN204010**

Tex21 (NM_001025658) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tex21 (NM_001025658) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tex21
Synonyms:	MGC114468
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204010 representing NM_001025658
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCAAGGCCACTCCAGCCTGTAAGTCATTCCGATCCAGGGAGGCTTGCTAATAGCCAAACCAAGAGG
 CCTGTGAGGCTAAGCCACCAGAAGCCAGACACCAAGTCACCTCTGTCAACTCTGGAAAACGTCGGGTGCT
 GAGAAATCTTCAAAACAAGCTCTACATGAAAGAAACGTCTTGCACGAGATGAAGACAGAGTTAGAGAGT
 TACAAAGAACTAATGCCAGCAGGCGCTACAGATAATGTCCCTGAGAGATGACGTCAAGAACCTTCAAG
 ACCTTATTGACTCTAATGAAGGTTAAGATGTTGAAAAACACAGAATCTCAGAGTTTCGGAAGACATAA
 CTGGGATCTAACTGAGCGAGTTATAGACCTAGAGAACTGTCTAAGGGAGCACCTGACGGGAAGAGAGCCC
 GCATGGAGAAAGGCGGAGCTTCTGGAGAAAGGCGGTCTGCCCTGCAGATTCTCTCTCATATGAACC
 TGAAAGGACTGGAAGATTCCTTGGATATTTCCCTGTGAAGGTGAGGGACAATAATAAAGCTGCAACTC
 TGAGAGAGACAACATTGTTTACTCGGAAGGACCAACTGAGGGGCAAACACGGTCGATAAAGGTCAACAG
 GATTTGGTCTACAAAGAAAACTAACGTCTGAATTGGACAGAGCTCCGTATTCTGTAGCTGGGACCCCA
 CCCATGAGCATTCCCACCACCAGGACTTCTCGGTGAGTTGGCTACGCTACTGAGTGACAGCATTGGCCC
 CATAGTAGCCACGGAAGAAGCAGTGAAAGAGAGGATCCAGGAAATGGGTGCAAACGAGCAGCTGTGGAAA
 TTTAAACTGAAGCCCTGCAGCAGGAGATTAGATGCTCACCAAGAGGCTCGAGCAGCTGCACCACCTTT
 ATGAAGAGGCTGGTGAAGGTCACCCACACTGAAGAAAATTACATGGAGCAGAAAAGACCCTTGGGATA
 CCTGGACGCAAAGGAAAACCTCCAGGACCCGACTACCCACACAGATAAACGCAGCAAATTCAAACGGTTA
 GAGATGTTATTGGATATTGAGCGGAATTCAGATGGCTGCAGCCCCAAAAATGGAGGAGAAAATTCAGA
 GACTTCAGAAGCAGCTTAGTGATTTGAAATTGTCAAATAAAACATGAAGACTCAACTGACAAGAATAAA
 TGTCTTAAAGACAAAACAATTGAGCGGCTCAGGCAATCAGTAACAAAAGTTGAAACAGTGAAGAGAAAG
 ACAGCAGCCAAAACGGACAACCTGAAAATCCCATCTGATCCCGTGGAGCAGGAGCAAGACCAGAGGAGA
 GGGCCACCAGACGCCAGCCGAGCCTTCCCGAGCCTTCTACAGTCAGAAGCATGCTGAAAGGGGTCTC
 AGGACGAGAGCAAGAGCTCGCCGACTTTCGGGAGACCATTATGAAGATGTTGGGATTTAATGAAAACA
 GCGGACAAGGATGTCATTAATCAGCTGAAGCTTGTCTGTCCAAATTTATGAAGTCTCTACAAATCAAGA
 TGGATTCTCAGTGAGCCTGGACCCGCCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001025658

Insert Size: 1575 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_001025658.1, NP_001020829.1

RefSeq Size: 1946 bp

RefSeq ORF: 1575 bp

Locus ID: 299152

Cytogenetics: 6q24