

Product datasheet for **RN205169**

Tex45 (NM_001109059) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tex45 (NM_001109059) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tex45
Synonyms:	RGD1563425
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN205169 representing NM_001109059
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCCTGTGTGCCGTTGTCCCGGAGTTCCTCAAGGCCTCACACTTTTCTCTGGGTCTGATCCGCGGC
 TGCATGATGGCACTATGCAGTGCACAACGCATAAGGACTTCCCGCCTATTCTATGTACCCCGGTCCG
 GCCACCTCGTCACCACCGCAACCTCATTCTTCCAAAGGATGAGCAGTGGGCTACCCAGAAGCGTGTG
 TCCGAGGTGCGCGTGCCTTCTCACCACGCCCACATTACTGTCGCGGATGAGCTGCGGAGCGCAGGC
 TGGAGTGACGAGAGTCATGCAGATGAGCAACCTGCATTGCATGCGGATACGCGTCTGTCTCAACCT
 GTCCGTTGCACAATCTGACTATGGCTGGCCGAGCTACCACGAGCGCTCACGAGGACATCCGAAGCGCG
 CGCCTCTCTTTGACCGGATTTCGATGCCCTCGGGTGACCGGAAGCAGCTGCGCATCCCGACCACCTCAT
 ACCAAGCACACTACCCGCCCTACGATGCTGTACCCCTCAGCCCCATGCGCCTGCAGCCACCTGGGGG
 TCCTAACACCCTGAAGTGAAGTACAAGGGACAGGAAGGCACCTCTACAGGAAGCAGTTCCAAGCCTTC
 CCAAGCCCCCTGCCTTGATGTGTAAGAGGGCCTCCTCCAGTATAAACCTAGGAGATAGCAAGCTTGGCT
 ATAGTACCCTGTGCTCATACGTGAAGGAGACCTACACACCTCAGGGGCTGTCCCCTTCCAGGTATGACAA
 GGCCAGGCCGCGAGCCACATCCACCAGGTGAACATCGGTCTGGAGACAGGATGTTCCATTGCAGAAC
 ACCATGAATGACGAGTTCTACTCCAAGGAGCCAGAAACGTTTGTCTCCAGCGTGATAAGACTCCCGAGT
 CACACATCATGAAAGGAACTGGTCCCCGGCCCTGGCAGTCTCGTTACCTCCACAAAGTTCTTCCATGG
 TGAGCCACCTCTCTGACACAGCCTCCAGGCCGGCATGTGTCTCATGAGAACTGAAGGATCACGTGGCC
 TTGGGAGAACCAAGCTGCTCGGAACTTCTTCCAAACCTCCATGGGCTCAGACTACAGCTTTGTGACTA
 ACCCCATAAGACAAAGACCCCTCAACTTGTCTTTGTTGGAGAGTAACCTGCCTGAGGGCACAGGTGAATT
 AGACCTTTTAACCAACCAACCAAGATGATTAAGCCGCATGGGATAGTTGAGCTTCTGTCACTGAAGAA
 CTGTTGCGGAAGTGCAAATACAGCCACATAGAGCCCCGCTGGGTAGACAACGCTTCTTCTCCACTCAGT
 ATCAGAAGGAGTTTCCCTTCAAGTACCAGGGCCATTGGTACAGAAGCCAAGTACCATGTTTGAGAGCCA
 CTTGCCACTGGGCACAGCCAGACACTTTGGCTGCTGGCATGAGAAAGTGACCTTCGAGGCCCCAGATC
 CCTATGTACCCTTGCCGGAGCCAGGA**TAA**

AC**CGGGCCG**CTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-NotI

ACCN: NM_001109059

Insert Size: 1500 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_001109059.1, NP_001102529.1

RefSeq Size: 1525 bp

RefSeq ORF: 1500 bp

Locus ID: 498129

Cytogenetics: 12p12