

## Product datasheet for **MC218483**

### Tex45 (NM\_029598) Mouse Untagged Clone

#### Product data:

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                    |
| Product Name:      | Tex45 (NM_029598) Mouse Untagged Clone |
| Tag:               | Tag Free                               |
| Symbol:            | Tex45                                  |
| Synonyms:          | 1700019B03Rik                          |
| Vector:            | pCMV6-Entry (PS100001)                 |
| E. coli Selection: | Kanamycin (25 ug/mL)                   |
| Cell Selection:    | Neomycin                               |



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**Fully Sequenced ORF:** >MC218483 representing NM\_029598  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCCTGTGTGCCGTTGTCCCTGGAGTTCCTCAAGGCCTCACACTTTTCTTTGGGTCCTGATCCGCGGC  
TGCATGATGGCACTATGCAGGGCACATCGCACAGGGACTTCCCAGCCTATTCCGCTGTCACCTTGGTCCA  
GCCCCCTCGTCAGCACACAGCAAGGCACAATCTTCAAAGGGAAGCGCGGTGGCTTCCCAGAAGCAT  
GTATCGGAGATGCGCCGTGCGTTCTCGCCACCGCCACGTTACAGTCGCAAGATGAGCTACGGGAGCGAG  
CAATTGAGCACTCGAAGCCATGCAGATAAGCAATCTGCACTTGACGCGGATATGCGTCTGGTCTCAA  
CTTGCTCATTGCACGTAAGTACTGACTATGGCTGGCCAGAGCTACCACCAAGCGCCCGCTGGACATCCGAAGC  
GCACGCCCTCTTTGACCGGGATTCAATGCCCTCGGGGACAGGAAGCAGCTGCGCATGCCGCTCACCT  
CGTACCAGGCACACTATCCGCCATGATGCCATCACCCCTCAGCCTTGTGTGCCCTGCACCCATCTAGG  
GGGTCCTAACACCCTGAAGTGGAACTACAAGGGACAGAAAGACACCTCCTACAAGAAGCAGTTCCAAGCT  
CTCCCAAGCCACCAGCCTTGATGTGTAAGAGGGCCTCCTCCAGTGTAACCTAGGAGACAGCAAGGTTG  
GCTATAGTCCCCTGTGTTCCCTCGTGAAGCAGACCTACACACCTCAGGGGCTGTCCCATACAGGTATGA  
CAAGGTCCAGGCTGCAGCCACATCCACCAGGTGAACGTTGGTCTCGGAGACCGCCTGTTCCATGACAGA  
ACTACCATGAATGACTACTTCTACTCCAAGAGCCAGAGCCTTTTGTCTTACCATGATAAGACTCCGG  
AGTCAAACATCCTGAAAGGAACTGGTGCCTGGCCCTGGCAGCCTCCATACCTCCTCAAAGTTCTTCTA  
CGGTGAGCCACCTCCTGCGACACAGCCTCCTGGCCGACAGGTGTCCCATGAGAACTGAAGGATCACATA  
ATCTTGGGAGACTCAAAGCTGCTCGAAACTTCTTCAAACCTCCATGAGCTCAGACTATTGCCCTCCGA  
CTACCCCAAAAACAAGAACCCTCAAGTTCTTTGTTGGAGAGTAACCTCCCTGAGGGCACAGGTGA  
ATTAGACTTTTTACCACGAACCAAATGATGATGAAGCCGCATGGAATAGTTCGAGCCTCTACTACTGAA  
GATTTGTTACAGAAGTGCAAATACAGTCACATAGAGCCCCACTGGGCAGACAACGTTTCTTCTACTC  
AGAATCAAGACGAGTATCCCTTCAAGTACCAGGGCCATTGGTCCAGAAGCTAAGTAGCATGCATGAGAG  
CCATCTGCCAATGGGCACACCCAAGTACCTTGGCTGCTGGCATGAGAAAGCAGATCCTCGGGGCCCCAG  
ATCCCTATGTATCCTTGCTGAGTCAGCAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_029598

**Insert Size:** 1503 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\\_029598.1](#), [NP\\_083874.1](#)

**RefSeq Size:** 1613 bp

**RefSeq ORF:** 1503 bp

**Locus ID:** 76406

**Cytogenetics:** 8 A1.1