

Product datasheet for MC205019

Tex12 (NM_025687) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tex12 (NM_025687) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tex12
Synonyms: 5730518K06Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC061081
GAGGGGCGCGAAGCCCTCACGCTCGTGCTGCGGCTCTGAGGCGGCAGGTCGTGGCCGAATCTCCGCTTGC
GAGTGGGGCCAGAGGTTTGTGTCTCCAGAGAATGATGGCAAACCCCTTGTAAAACCCGACTCTAGAAAC
TGCAAGAGGGCAAGAGAATTGGAGCCTCAGGTGTCTGATAGTCCACAGGTATCTTCTCTTGAAAAATCAG
AGTCATCTCTCTGAGGCTTCTGGACTCTTTATAAAGAGGAAGCTCTGGAGAAGGATTTGAGCGATAT
GAGCAAGGAAATTAATCTGATGTTGTCTACATATGCAAAGATTTTAAGTAAAAGAGCAGCAGTAGATGCA
TCTTACATCGATGAGATAGATGGACTCTCAAAGAAGCCAATATTATTGAAAACCTTCTAGTACAAAAAA
GAGAGTTCCTGAAGCAGAGGTTTACAGTAATTACCAACACCCTACACAAGTAATGTGCCTATGCCAGCTA
AAAGTTTTCTGTTACTGCTGTGTTCTTCTGCTAGAGAAAACATATATTAACCTGTAACCTTTTCTAA
ATTTAAAAGAAGTTTTAAGATAGATATTAATATGAAGTGTGAATATTTCTTTTGAGGGTCAAATATTTG
GCACATTATATAAAAATATAAATTAATAATATATGCATGTTCTTTTCTTTATTGTTTACTCCTAAATTG
CTTAGCCCTTCTTAAACTATGAAAGAGGACTCTGTTAATTTGATTATGCTTAACAATATTTGTTTAAATA
GCAGATGATTTTTGAGATAGTTTTAAAGTGTTTTTCTTGATTTTTATTATAAAAAGAACATTAACAACTTA
AAGGTATTTTGTCCAGTTTCTTAACATATAATAAATATAAAGTGTGCTACTACCAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAA

Restriction Sites: Sfil-Sfil

ACCN: NM_025687

Insert Size: 372 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).



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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: [BC061081](#), [AAH61081](#)

RefSeq Size: 924 bp

RefSeq ORF: 372 bp

Locus ID: 66654

UniProt ID: [Q9CR81](#)

Cytogenetics: 9 A5.3

Gene Summary: Component of the transverse central element of synaptonemal complexes (SCS), formed between homologous chromosomes during meiotic prophase (PubMed:16968740). Requires SYCP1 in order to be incorporated into the central element (PubMed:16968740).
[UniProtKB/Swiss-Prot Function]