

Product datasheet for **RN207234**

Tes (NM_001039344) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tes (NM_001039344) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tes
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207234 representing NM_001039344 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACCTGGAACCAAAATGAAGAAGATGGGCTTAGGTCACGAGCAAGGATTTGGAGCCCCCTGTCTAA
AATGCAAAGAGAACTGTGAAGGGTTTGAACACACTTCTGGAGGAAAATATGTCGTAACGTCAAATGTGG
TCAAGAAGAGCATGACGTCTCTCTGAGCACTGAGGAGGACCGGAAGGTGGGGAGACTCTTTGAAGACACC
AAGTACACCACCTGATCGCCAAGCTGAAGTCAGATGGAATCCCCATGTATAAACGCAATGTTATGATAT
TGACCAATCCAGTGGCTGCCAAGAAGACGTCTCCATCAACACCGTTACCTATGAGTGGGCTCCCCCGGT
TCAGAACCAAGCACTGGCCAGGCAGTACATGCAGATGCTCCCTAAAGAGAAGCAGCCAGTGGCGGGTTCA
GAGGGGGCGCAGTACCGGAAGAAGCAGCTGGCGAAGCAGCTCCCTGCACATGACCAGGACCCCTTCTAAGT
GCCACGAGCTGTCTCCCAAAGAGGTGAAGGAGATGGAACAGTTCGTGAAGAAATATAAGAGTGAAGCTCT
GGGCGTGGGCGACGTGAAGCTTCCTTCCGAGATGAATGCTCAAGGTGACAAGGTGCACAACCTGCCGGA
GACAGAAACACCCAGCAGCAGTGGGTTCCAAGGACAAGTCTGCAGAAGCCAAGAAGACCCAATATTCTCT
GTTACTGCTGCAAAAACACCATGAGGGAAGGAGACCCAGCCATCTATGCTGAAAGAGCTGGCTACGACAA
ACTCTGGCACCCGGCATGTTTTATCTGCAGCACCTGTGGTGAAGTCTTGGTCGACATGATTTACTTCTGG
AAGAATGGGAAGCTGTACTGTGCAGACATTACTGTGACAGCGAGAAGCCCCGCTGTGCTGGCTGTGATG
AGCTGATATTCAGCAATGAGTATACCCAGGCAGAAAACCAAGATTGGCATCTGAAGCACTTCTGCTGCTT
TGACTGCGACAACATCCTGGCCGGAATAATACGTGATGGTCCGTGACAAGCCTGTGTGCAAGCCGTGC
TATGTGAAGAACCATGCTGTGGTGTGTCAAGGGTGCCACAATGCCATCGACCCGGAAGTGCAGCGAGTGA
CGTACAATAACTTCAGCTGGCACGCGTCCACGGAGTGCTTCTCTGCTCCTGCTGCAGCAAGTGCTGAT
CGGGCAGAAGTTCATGCCTGTGGAAGGGATGTTTTCTGTTCTGTGGAGTGTAAGAAGATGATGTCC**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII



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ACCN:	NM_001039344
Insert Size:	1260 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:	<u>NM_001039344.2</u> , <u>NP_001034433.1</u>
RefSeq Size:	2396 bp
RefSeq ORF:	1260 bp
Locus ID:	500040
UniProt ID:	<u>Q2LAP6</u>
Cytogenetics:	4q21
Gene Summary:	Scaffold protein that may play a role in cell adhesion, cell spreading and in the reorganization of the actin cytoskeleton. Plays a role in the regulation of cell proliferation. May act as a tumor suppressor (By similarity).[UniProtKB/Swiss-Prot Function]