

## Product datasheet for **RN200783**

### Trat1 (NM\_001037981) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trat1 (NM_001037981) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trat1
Synonyms:	MGC125004
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200783 representing NM_001037981 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCAGGAACTCTGGATGCCCTTCTCCTCTGGGACTTCTAGCCTTCTGGGCTTGGCTCTGGTCA  
TATCGTTGATCTTCAATGTTTCCCACTATGTAGAGAAGCAGCGACGAGATAAAATGTACAGATACTGA  
TGACTACATTCCAAGGGCTGAAGAATATTATGAAGATGCTCAATTTATGGTAAGTTAGAAAATATCATC  
CCTGAACCACTGGACGAAGACTGCTATGAGCAAATGAAAGCTCGACCACAGAGATCTGCAAGTGACGCAC  
AGGAAGTGGTTGCACCTGCACAGGTACCTGCTGAAGCTCAAATTTGCTATGCCTCACTGGATCACAGCAT  
GAAGGGGAAACGCAGAAGGCCAGGAAACAGAATACTAATTTGTCAGACAGAGGAAAGGATGCACAAGAC  
TGTACAATGGGTGCCAACGTTTCTCAGAACAAATGGTAGAAAAGTTTTCCACCAGATAACCAGGTAGTTG  
AGGAAAGTATTCATGATGATCCTGCTAGACTGTTTGGATTGATCCGGGCCAAGAGAGAACCTGTAATCTA  
G

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001037981
Insert Size:	561 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001037981.1, NP_001033070.1</u>
<b>RefSeq Size:</b>	1845 bp
<b>RefSeq ORF:</b>	561 bp
<b>Locus ID:</b>	498075
<b>Cytogenetics:</b>	11q21