

Product datasheet for MC211830

Trat1 (NM_198297) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trat1 (NM_198297) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trat1
Synonyms:	C030046M14Rik; Tcrim; Trim
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211830 representing NM_198297 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTACCCAGGCTCCTCTGAAAGGGCTAGCATGTCAGGAAGCTCTGGATGCCCTTCTTCTCTGGGGAC
TTCTAGCCTTCTTGGCTTGGCTCTGGTTATATCGTTGATCTTCAATATTTCCCACTATGTAGAGAAGCA
GAGACGAGATGAAATATACAGATACTCTGATGACTACATTCGAAGAGTTGATGAATATTATGTTGAAGAT
GCTCCAATTTATGGCAATTTAGAAAATATAATCCAGAACCCTGGATGAGAAGTCTATGAACAAATGA
AAGGTCGACCTCAGAGATCTGCAAGCGATCCGCAGGAAGTGGCTGCACCTGCACAGGTACCGGCTGAAGC
TCAGATGTGCTATGCCTCACTGGATCACAGCGTGAAGGGGAAACGCAGAAGGCCAGGAAACAGAATACT
AATGTGTGACAGAGAAAGGATACACAAGTCTATAAATGGATGCCAACGTTTCTCAGATCAATATGG
TAGAAAGTTTCCACAGATAACCAGGTAGTAGAGGAAAGCATTGATGATCCCGCTAGACTGTTTGG
GTTGATCCGTGCCAAGAGAGAGCCTGTAATC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_198297
Insert Size:	594 bp



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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:	<ol style="list-style-type: none">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_198297.3</u> , <u>NP_938039.2</u>
RefSeq Size:	684 bp
RefSeq ORF:	594 bp
Locus ID:	77647
UniProt ID:	<u>Q3UU67</u>
Cytogenetics:	16 B5
Gene Summary:	Stabilizes the TCR (T-cell antigen receptor)/CD3 complex at the surface of T-cells. [UniProtKB/Swiss-Prot Function]