

Product datasheet for MC211207

Tradd (NM_001033161) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tradd (NM_001033161) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tradd
Synonyms: 9130005N23Rik; AA930854
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211207 representing NM_001033161
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCAGCCGGTCAGAATGGCCACGAGGAGTGGGTGGGCAGTGCATACCTGTTTTGGAGTCTGCGGTAG
ACAAGGTGATCCTGTCTGAAGCCTACACGGATCCCAAGAAGAAGGTGGCAATATAACAAGGCTCTGCAGAC
TGCAGTGTGAGAGTGGGGACAGCTCTGACGTACTGCAGATACTCAAGATCCACTGCAGCGACCCTCAG
CTCATCGTCCAGTTGCGGTTCTGCGGGCGGTGCTGTGCGGCCGCTTCTCCAAGCCTACCGCAGGGGG
CGCTGCGCACCAGCTGCAGAGGTGCATGGCCCCGGCGCTTGCCAGGAAGCGCTGCGGTTGCAGCTGGA
GTTGCGTGCAGGTGCGGAGCAGCTGGACAGTTGGCTGACTGATGAAGAGCGCTGTTTGAATTACATCTTA
GCCCAGAAGCCCGACCGGCTCAGGGACGAGGAACCTCGCGGAGCTGGAGGATGAGCTCTGCAAACCTGACGT
GTGACTGCACTGGCCAGGGTGGAGCCATACAGGTAGCTTCTGCAGGTTGCAAGTCCCGGTTTCTCTCC
GACCGAGGAGAAACCACTGCCGGCCGCTGCCAGACTTTTCTGTTCCACGGGCAGCTCGTAGTGAACCGG
CCTACTGACTCTTCAAGACCAGCAGACGTTTGCAGCTCGGTGGGTCTCAAGTGGCGCAGGGTGGGGCGCT
CGCTGCAGCGTAAGTGTGCGGCACTGAGAGATCCTGCCCTCGACTCGCTGGCTACGAGTATGAGCGTGA
TGGGCTATACGAGCAGGCTTCCAGCTGCTGCGCGTTTTATGCAAGCCGAGGGCCCGCTGCCACACTG
CAGCGCCTGGTGGAGGCGCTGGAGGAGAACGAACCTCACTAGTCTAGCAGAGGATCTGTTGGCCAGGCGG
AGCCGGATGGCGGCTGGCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001033161
Insert Size: 933 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:	NM_001033161.2 , NP_001028333.1
RefSeq Size:	1385 bp
RefSeq ORF:	933 bp
Locus ID:	71609
UniProt ID:	Q3U0V2
Cytogenetics:	8 53.04 cM
Gene Summary:	Adapter molecule for TNFRSF1A/TNFR1 that specifically associates with the cytoplasmic domain of activated TNFRSF1A/TNFR1 mediating its interaction with FADD. Overexpression of TRADD leads to two major TNF-induced responses, apoptosis and activation of NF-kappa-B (By similarity). The nuclear form acts as a tumor suppressor by preventing ubiquitination and degradation of isoform p19ARF/ARF of CDKN2A by TRIP12: acts by interacting with TRIP12, leading to disrupt interaction between TRIP12 and isoform p19ARF/ARF of CDKN2A. [UniProtKB/Swiss-Prot Function]