

Product datasheet for **RN216625**

Tada2b (NM_001170455) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tada2b (NM_001170455) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tada2b
Synonyms:	ADA2B; RGD1561605
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216625 representing NM_001170455
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGAGCTGGGTAAGAAGTACTGCGTGTACTGCTTGCCGAGGTGAGCCCGCTGCGCTTCCGCTGCA
 CAGAGTGCCAGGACATCGAGCTGTGCCCGAGTGCTTCTCGGCCGCGCGGAGATCGGCCACCACCGCCG
 CTACCACGGCTACCAGCTGGTAGACGGCGGCGATTACACTCTGGGGTCTGAGGCAGAGGGCGGCTGG
 ACCAGCCGCGAGGAGCAGCTGCTACTGGACGCCATCGAGCAGTTCGGCTTCGGCAACTGGGAAGACATGG
 CTGCTCATGTTGGTGCTTCTCGGACTCCCCAGGAAGTGATGGAGCACTACGTTAGTATGTATATCCATGG
 GAACTTGGGCAAAGCCTGTATCCCTGACACCATCCCCAACCGGGTGACAGATCATACCTGCCCCAGTGGA
 GGTCTCTCTACCCAGCCTTACCACACCATGCCCCATTGGACATCTCAGTGGCTGAGCAGCAGCAGC
 TGGGCTACATGCCGCTGCGAGATGACTATGAGATCGAGTACGACCAGGATGCTGAGACGCTCATCAGTGG
 GCTGTCTGTGAATATGATGATGATGTGGAGATTGAGCTCAAACGTGCTCATGTAGACATGTATGTG
 CGGAAGCTGAAGGAGAGGCGAGCGCCGGAAGAATATTGCCCGAGACTATAACTTGGTACCAGCCTTCCTGG
 GCAAGGACAAGAAGGAGAAAGAGAAGACATTGAAGAGAAAGATCACCAAGGAGGAGAAAGAGCTGCGGCT
 GAAACTACGGCCACTCTACCAGTTCATGTCTGCAAAGAATTTGACGATTTATTTGAAAACATGCACAAA
 GAGAAGATGCTCCGCGCCAAGATCAGAGAGCTGCAGCGGTACCGGCGCAATGGCATTACGAAGATGGAGG
 AGTCGGCTGAATACGAGGCTGCCAGACACAAACGGGAGAGGAGGAAGGAGAACAAAAACCTGGCCAGCTC
 TAAAAGGGGGAAGGAGGATGGCAAAGACAGCGAGTTTGCAGCCATCGAGAATCTTCCAGGGTTTGAGCTG
 CTGTGAGATCGGGAGAAGGTTCTCTGTAGCTCTTTGAACCTGAGTCTGCACGCTATGTGACTGTGAAGA
 CTATTATAATTAAGATCACCTCCAGAAGCGGCAAGGGATCCCCCTCTAAAAGTCGCCTTCCAGTTATCT
 GGACAAGGTCTAAAGAAAAGGATTTTAAATTTCTCACAGAAAGTGGGTGGATATCTAGGGATGCTTCC
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001170455

Insert Size: 1263 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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: [NM_001170455.1](#), [NP_001163926.1](#)

RefSeq Size: 3588 bp

RefSeq ORF: 1263 bp

Locus ID: 289717

Cytogenetics: 14q21