

Product datasheet for **RN215395**

Trdn (NM_021666) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trdn (NM_021666) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trdn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215395 representing NM_021666
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTGAGATCACAGCTGAAGGAAATGCATCTATAACCACAACCTGTGATAGACAACAAAAATGGATCTG
 TTCCAAGTCCCTGGAAGGTGCTGAAGAGGACTGTCACCGAAGACATCGTGACAACATTCAGCTCCCC
 TGCAGCCTGGCTTCTGGTCATCGCCTGATTATCACCTGGTCAGCTGTTGCTATTGTGATGTTTGATTTA
 GTGGACTACAAAACTTTTCAGCAAGCTCCATCGCCAAGATTGGCTCTGATCCTCTAAAACTAGTGAACG
 ATGCTGTGGAGGAAACAACAGACTGGATCTATGGCTTCTCTCTTTGCTATCTGATATCATCTCATCTGA
 TGGTGATGAAGATGATGAGGATGCAGATGAGGACATTGACAAAGGAGAAATAGAAGAACCTCCCTTAAAA
 AGAAAAGAAATACAAAAAGAGAAGGCTGAAAAGCAGGAGAAACCTGAGAAGAAAAATACAACTAAAGTTT
 CGCACAGAGAAAAGGAGAAAAGGAAAAGAAAAATTTAAAGGAGAAAAACCTGAGAAGAAAGCAACTCACAA
 GGAGAACTTGAGAAAAAGAAAGAACAGAGACAAAGATGGCAGCAAAAGAGGACAAGAAAATTAAGACT
 AAGGAAAAAGACCGAAGAAAAGGCTAAGAAAGGAAATGAAAGTTGGGAAACAGGAGAAAGCGAAACAGCAG
 CTGCAAAAGCCAAAGAACTCCGAAAACACACCGAAAGCCAGAGAGAAGGATGACAAAGAAACGCCAGC
 TGTGCCAAGCATGAGCAGAAAGATCAGTATGCGTTCTGTGATATATGATTGACATGTTTGTCCATGGG
 GATTTAAACAGGACAAAGCCAGCTGTGCCACCACCATCATTGACAGCTTCCAGACCTGCTTTGTCAA
 CACCATCACTGGAAGAAAAAGAAAAAGAAAGAAAGTGGAGAAGAAAGTTACTTCTGATACAAA
 AAAGAAAGAAAAAGGAGAAGCCAAAAAGAAAGCGAGAAAGAACTGTCATTGATGGGAAAGGAAAAAGAG
 CCAGGAAAACCTCTGAAACAAAAACAACACCAAACTCACAAACAAAGCTGCAGCTACCAAAGATG
 AGAAGAAAAGAGATTCCAAGAAATGAAAAACCTCCAGAAGAGAAACCAAGGGAAAAAACAGGAAAA
 GAAAGAAAAGCACATAGAACCAGCAAGACACCAAAAAAGGAACATCCAGCTCCAAGTGAAAAACACAGA
 AAAGCAAAAGCTGAGCAAGCCAAAGAGATTGCTCCTGCCTCAACAAAAAGGCCCTGCATGGAAGA
 AAGAAGAGAAAGCCAAGACAGTGGAGCAAGGCAAGATGTAAAGCCTAACTACCACAGCCACAATAAA
 AAAGGAAGAGAAGTCCGAGCCACAACCAAAAAAGAAAGTGAAGTTGGAGACAACTAAAAAGAGAG
 AAGTCAGAGCCTCAAGTTAAGAAGGAAGCAAACTAGCATCATCTGAAAAAGGCCAAACAGCAACAGA
 ACATCACCAGACCAGAGCAAGTTATTCCTCATGGTAAACCAGAACAAAAAGTTCCAAACAGATAAAAGC
 TATTACAGCAGAAAAGACAGAAAAAGCTGAACGCCAAGAAAAATACCATCCATCTATAAAACAGAGGGA
 AAACCAGAAGTCAGACTCAGGGAAGAAGAAATTTGAAAAACCTGAAAAGGAAAGTAAAGTTCCACCAA
 AACAAGAAAATCTTCAGGTGCGCAATGTGACTAGAGCGGAAAAACGTGGAAAAATATCAAAAGATTCCAA
 AGATGCACCAGCTCCAAAGAAAGATAAAGACTCCAAAGATGTCTCTGCATTCAAAGAAAGATAAAGAGTA
 ACTAATAATGTGTCTTACCAAAGAAAGCAAAAAAGTCCCATCAGTTTCTTCCAATGTGTCTACTTGGATG
 GGTACAATGGCTATGGATTTCAAGTTTCTGTCACTCCTGTCCAACACTCTGGAGAGAACCCTGGCAATC
 AAATCTCTCAGGACAGAAGCAGCAAGAACA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_021666

Insert Size: 2064 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_021666.2, NP_067698.1</u>
RefSeq Size:	4241 bp
RefSeq ORF:	2064 bp
Locus ID:	59299
UniProt ID:	<u>Q9QX75</u>
Cytogenetics:	1p12-p11
Gene Summary:	involved in calcium release process [RGD, Feb 2006]