

Product datasheet for RN217540

Tbcd (NM_001271364) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbcd (NM_001271364) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tbcd
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217540 representing NM_001271364 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTACTGAGCAACGAGCCGGCTGCGAGCGCCGCGGAGGAGGAGGTGGAGGATGATGCGCTTGTCCGCG
CCTCCACCCTGGAAGCGTTCGGCGAGAGTGCAGGAGACCCGCGCGTCTCCGAGCTTCCCGCGGTGCA
CCGCGAGCGCGCGGCCGGGAGGTGGCGGAGGAGCGGTTCCGCGTAATTATGGACAAATACCAGGAGCAG
CCCCACCTCCTGGACCCACACCTCGAGTGGATGATGAACCTACTGTTGGACATAGTACAGGATGAGACAT
CTCTGCCGACCTGTACATCTGGCTTTTAAATTTCTGTATATCATCACCAAGGTTCTGGATATAAAGT
ATTTCTCGTCTGTTTCCCATGAAGTAGCTGATGTTCCAGCCTGTGTAGATATGTTCCAGGACAGAAAC
CCTAAAGACCATGAGACATGGGAAACTCGCTACATGCTTTTACTGTGGCTGTCTGTGACCTGCTTATCC
CTTTTGATTTTTACGCTTGTGGAACCTGCCACTCAATCTGGAGAAACACGGATGCCATAATGGA
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GGCAGATGATGTGGTGGGTCCGTGTTGGACTGTTTACGCTTTCAGGAGACAGATAAGGCATGGCATGGT
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GCCATTTCAAGTGCCTGGTCAATTGCTGCTGATTTTACCAGAACTGAACTGCAGAAGAGCAGCCTCTG
CTGCCTTCCAGGAGAACGTGGGAGACAGGGTACTTTTCTCATGGAATTGATATTTTACTACAGCAGA



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CTATTTTGCAGTTGGTAACATTTCTAACTGTTTCCTGATTATAAGCGTGTTTATTGCTGGCTTCCAGGAA
TACACCAAGCCAATGATCGACCACCTGGTCTCCATGAAAAAACAACCACTGGGATGGGGCCATCCGAGAAC
TGCTCTGCAAAGGCACTGCACAACCTGACTTCACTAGTACCCGAGTACATGGCCACTCACGTATCCCAGC
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ACCTATGCCCTGTACGAGCTGGCCGCACAGAGTAACAGGCTTGTACAGACTATCTGGATGAGAAGGCAG
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GATGAAGTCATATGCCAAGAGAACATCTCTGAGGTTTATGCTGCATTGCTGGGCTGCATGAGTGATTACA
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GCCCAGCAGGCAAGTGAGAAGATTGATCGGTTCCGTGCTCATGCTGCCCGGATTCCTGACTCTCTTGC
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ACCTATAGATACCATGTCTGCTGGGGCTGGCCGTGTCGTGGGTGGCTTGACAGAGTCTACGGTCAGGC
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TGAGACCCTCCTAAAGGTCCTTGGAGACAACCTTTGAATGACAGAGTGTCTGTATCGCTGCTGAAAATG
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AGTTGCTCACACTTTGTAAAGGAAGAAATCAAGAAGTCAAAGACATCCAGAAACTTCGGTCAAGCATTGC
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CTTGGCCACCCTTTTCTGTGATCCGGAAGAGCACAGCAAGCCAGGTATATGAGATGGTGTCTACCTATA
GTGACTTGGTAGATGCTGAGGTGCTTGTGAGGTCATGTCTGTGCTCAGTGACACAGCCTGGGACTCAGA
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CCAAAGCCTGTTCCAGGAAGCTGA

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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001271364
- Insert Size:** 3594 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_001271364.1](#), [NP_001258293.1](#)

RefSeq Size: 3869 bp

RefSeq ORF: 3594 bp

Locus ID: 100361417

Cytogenetics: 10q32.3