

Product datasheet for **RN205905**

Tbcel (NM_001014089) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tbcel (NM_001014089) Rat Untagged Clone
Tag: Tag Free
Symbol: Tbcel
Synonyms: Lrrc35; RGD1308880
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205905 representing NM_001014089
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCAGCCTAGTGGGAGAAGTTTCATGCAAGTATTGTGTGAAAAGTACAGTCCTGAAAACCTCCCTT
ACCGCCGTGGTCTGGGATGGGAGTCCATGTCCCAGCCACTCCTCAGGGCTCTCCTATGAAAGATCGCT
CAACCTCCAAGCGTGCTCGTGTGAACAGCTGCGGGATTACCTGTGCGGGAGACGAAAGAGAAATCGCA
GCCTTCTGCGCTCACGTGTCAGAGCTCGATCTTTCTGACAACAAGCTCCAAGACTGGCATGAGGTACGTA
AGATTGTGTCAAACGTTCTCAACTGGAGTTTCTCAACCTGAGTTCCAATCCTCTGAGTTTGTGAGTTTT
AGAAAGAACATGCGCTGGGTCTTCTCTGGGGTTCGAAAACCTGTCTCAACAACAGCAAAGCATCATGG
GAAACAGTGCACACAATACTGCAGGAGTTGCCAGATTTGGAGGAGCTCTTCTGTGCCTTAATGACTATG
AAACAGTGTCTTGTCTTCTGTTTGTGTGATTCCTTAAGCTCCTACACATAACAGACAATAACCTCCA
AGAGTGGACTGAAATCCGAAAGCTGGGTGTAATGTTCCCTTCGCTGGATACCTGGTCTGGCCAACAAT
CACGTGAATGCCATCGAGGAGCCTGCTGACTCCCTGGCTAGGTTGTTCCCTAATCTGCGGTCCATCAGCC
TCCACAAGTCAGTTTGCAGTCTGGGAAGACATTGACAAACTCAATTCATCCCCAAACTCGAAGAAGT
GAGATTGTTAGGAATCCCTCTCCTGCAGCCATATACCACCGAGGAGCGCAGGAAATTGGTGGTAGCCAGA
TTGCCCTCCGTTTCCAAGCTCAATGGCAGTGTTGTGACGGATGGTGGAGCGGAGGATTCTGAGAGTTCT
TCATCCGGTACTATGTGGATGTTCCCCAGGAGGAAGTGCCATTCAGGTATCATGAGCTCATTACAAAGTA
TGGGAAACTGGAGCCTTTGGCAGAAGTGGACCTGAGACCCAGAGCAGTGCAGAAAGTCAAGTCCACTTC
AACGACCAGGTGGAGGAAGTGGAGTCCGCTGGACCAGACGGTGGCGGAGCTGAAGAGACAGCTGAAGA
CTCTGGTGCAGCTGCCACGAGCAGCATGCTCCTACTACTTTGACCACGAGGCCCGTTTGGCCCGGA
GGAGATGAAGTACAGCTCGCGAGCTCTGCACTCTTCGGCATTAGGGATGGAGACAAAATTTTTGTGGAA
TCAAAAACAAAAT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001014089
Insert Size:	1275 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:	<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_001014089.1</u> , <u>NP_001014111.1</u>
RefSeq Size:	1566 bp
RefSeq ORF:	1275 bp
Locus ID:	315591
UniProt ID:	<u>Q5PQJ7</u>
Cytogenetics:	8q22
Gene Summary:	Acts as a regulator of tubulin stability.[UniProtKB/Swiss-Prot Function]