

Product datasheet for **RR209587**

Tbx15 (NM_001106451) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tbx15 (NM_001106451) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tbx15
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR209587 representing NM_001106451
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCATCCATGGAAGAGATTCAAGTGGAGTTACAATGTGCTGACCTCTGGAAGAGGTTCCACGACATTG
GAACAGAGATGATCATCACCAAAGCAGGCAGGAGGATGTTTCCCGCCATGAGAGTGAAAATCACTGGCCT
GGATCCACATCAGCAATACTATATAGCAATGGATATTGTGCCTGTAGACAATAAAGATACAGATATGTG
TATCATAGCTCCAAGTGGATGGTGGCTGGCAATGCTGACTCCCCTGTGCCTCCGAGAGTTTACATACACC
CGGATTCCTAGCATCTGGAGACACCTGGATGAGACAGGTGGTCAGTTTCGACAAGCTCAAGCTGACCAA
CAATGAAGTGGATGATCAAGGACACATCATTCTGCACTCCATGCATAAATACCAGCCTCGAGTCCACGTG
ATCCGCAAGGACTTCAGCAGTGATCTTTCGCCACCAAACCTGTGCCTGTGGGGGATGGAGTAAAAACAT
TCAACTTTCCTGAGACCGTGTTTACCACAGTCACAGCCTATCAGAACCAGCAGATCACCAGATAAAAAT
TGACCGAAACCTTTCGCTAAAGGATTCAGAGATTCTGGCAGAAACAGAACTGGACTTGAAGCCATCATG
GAGACTTATGCATTCTGGAGACCTCTACACACACACACATTTACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR209587 representing NM_001106451
Red=Cloning site Green=Tags(s)

MSSMEEIQVELQCADLWKRFDIGTEMIITKAGRRMFAMRVKITGLDPHQYYIAMDIVPDNKRYYRV
YHSSKWMVAGNADSPVPPRVYIHPDSLASGDTWMRQVVSFDKLLTNELDDQGHILHSMHKYQPRVHV
IRKDFSSDLSPKPVVPGDGVKTFNFPETVFTTVTAYQNQQITRLKIDRNPFAGFRDSGRNRTGLEAIM
ETYAFWRPPTHHTFT

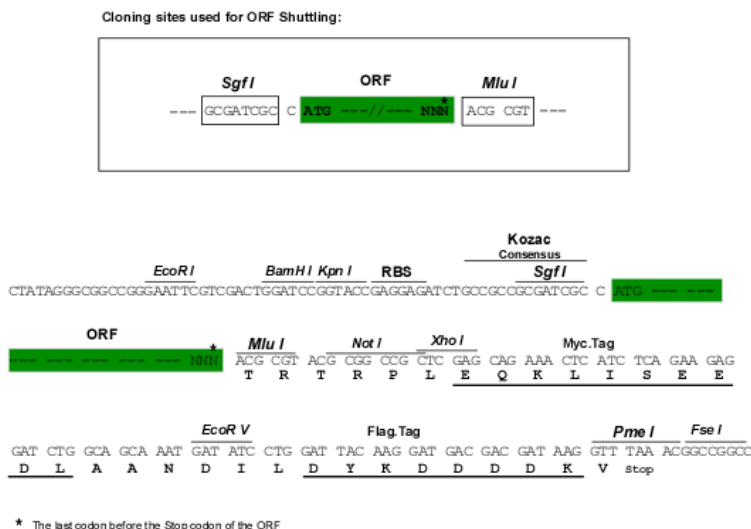
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_001106451

ORF Size: 678 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001106451.1](#), [NP_001099921.1](#)

RefSeq Size: 1254 bp

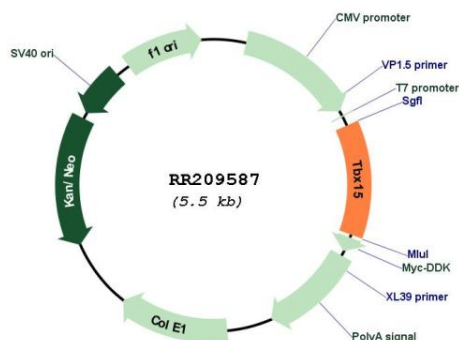
RefSeq ORF: 681 bp

Locus ID: 295315

Cytogenetics: 2q34

MW: 26.2 kDa

Product images:



Circular map for RR209587