

Product datasheet for **RN212349**

Tec (NM_053432) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tec (NM_053432) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tec
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212349 representing NM_053432
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATTTTAACTACTATCCTAGAAAGAGATTCTTATTTAAAGGTCAGCAGAAAAAGAAGACATCACCCCT
 TAAACTACAAAGAGAGACTTTTTGTACTTACAAAATCCGTGTTAACCTACTATGAGGGTCGAGCGGAGAA
 AAAATACAGAAAGGGATTCAATTGATTTTCAAAAATCAAGTGTGTGGAGATAGTGAAGAACGACGATGGG
 ATCATTCCCTGTCAAATAAATTTCCATTCCAGGTTGTTACGATGCTAACACACTTTATTTTTGACAC
 CTAGTCCACAAAGCAGGGACCGTGGGTGAAGAAGTTAAAAGAAGAGATAAAGAACAACAATAATATCAT
 GATTAATATCATCCTAAATTTGGGCTGACGGAAGTTACCAGTGTGTAGACAAACGAAAAACTGGCG
 CCTGGATGTGAAAAGTACAATCTTTTTGAGAGTAGTAAAGAAAGACCCTGCCTCCTGCACCGAAATAA
 AGAGAAGGCTCCTCCACCAATCCCTCCAGAGGAAGAAAATACTGAAGAAATAGTTGTAGCGATGTATGA
 CTTCCAAGCAACAGAAGCACATGACCTCAGGTTAGAGAGAGGCCAAGAGTATATCATCCTCGAAAAGAAT
 GACACCCATTGGTGGAGAGCAAGAGATAAGTATGGGAGTGAAGGATATATCCCAAGTAATTATGTCACAG
 GAAAGAAGTCCAACAACCTTAGATCAATATGAGTGGTATTGCCGAAACACCAACAGAAAGCAAGCAGAGCA
 GCTCCTCCGGACAGAAGACAAGGAAGGGGTTTTATGGTGGAGAGACTCCAGTCAACCAGGCTTGTACACA
 GTCTCCCTTTACACAAAGTTCGGGGGAGAAGGCTCATCAGGCTTCCAGGCATTATCACATAAAGGAAACAG
 CAACATCCCCAAAGAAGTATTACCTGGCAGAAAAGCATGCTTTTGGGTCCATTCTGAGATCATTGAGTA
 TCACAAGCACAAACGACGAGGACTTGTACCAGGCTGAGTACCCGGTTAGTACAAGGGGAAGAACCGG
 CCCACTACTGCTGGCTTCCAGCTATGATAAGTGGGAGATTAACCCCTCAGAGCTGACCTTTATGAGGGAGT
 TGGGGAGTGGACTCTTTGGAGTGGTGGGCTTGGCAAGTGGCGGGCCAGTACAAAGTAGCCATCAAAGC
 TATCCGGGAAGGCGCCATGTGTGAAGAGATTTTCATAGAGGAAGCTAAAGTCATGATGAAGCTGACACAC
 CCCAAGCTGGTACAGCTCTACGGCGTGTGACCCAGCAGAAAGCCATTTACATCGTTACCGAGTTCATGG
 AACGGGGCTGCCTTCTGAATTTCTCCGGCAGAGACAAGGCCATTTACAGCAGAGATGTCCTGCTGAGCAT
 GTGCCAGGATGTGTGAAGGGATGGAGTACCTGGAGAGAAACAGCTTCCACAGAGACTTGGCTGCT
 AGAAATTTGCTAGTGAATGAAGCAGGAGTTGTCAAAGTATCTGATTTCCGAATGGCCAGGTACGCTCTGG
 ACGATCAGTACACAAGTTCCTCTGGTCCAAAGTCCCTGTGAAGTGGTGTCCCCAGAAGTGTTTAATTA
 CAGCCGCTTAGCAGCAAGTACAGCTCTGGTTCATTCGGTGTGCTAATGTGGGAGATTTACAGAAAGGC
 AGGATGCCCTTTGAGAAGAACCAATTACGAAGTGGTAACCATGTTACTCGAGGTACCGACTTCCCC
 GGCCAAAGTTGGCTTCCAAATTTGTATGAGGTGATGCTGAGGTGCTGGCAAGAGAGACCAGAGGGGAA
 GCCTTCGTTTGAAGACTTGTACGTACGATAGATGAACTAGTCAATGCGAAGAACTTTTGAAGAT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053432
- Insert Size:** 1890 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: [NM_053432.1](#), [NP_445884.1](#)

RefSeq Size: 2646 bp

RefSeq ORF: 1890 bp

Locus ID: 84492

Cytogenetics: 14p11

Gene Summary: protein-tyrosine kinase; may play a role in early response phase of liver regeneration [RGD, Feb 2006]