

Product datasheet for **RN204843**

Tyro3 (NM_017092) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tyro3 (NM_017092) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tyro3
Synonyms:	Brt
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204843 representing NM_017092
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCTGAGGGCGAGCATGGGGCGGCCGGGGCTCCGGCCGCTGCTGCTGGCGGGCTGGCCTCTCTGC
 TGCTCCCAGGGTCCGCGGCCGCAGGCCTGAAGCTCATGGAGCCCCAGTGAAGATGACAGTGTCTCAGGG
 GCAGCCAGTGAAGCTTAACTGCAGTGTGAAGGGATGGATGACCTGACATACTGGATGAAGGATGGC
 GCTGTGGTCCAGAATGCAAGCCAGGTGTCCATCTCAATAAGCGAACAGAAGTGGATTGGCTTACTCAGCC
 TAAAGTCAGCGGAGCGGTCTGATGCCGGCTGTACTGGTGCCAGGTGAAGGATGGGGAGGAAACCAAGAT
 CTCTCAGTCAGTATGGCTCACTGTTGAAGGTGTGCCATTCTTACGGTGGAAACAAAAGATCTGGCGGTG
 CCACCAATGTCCCTTTCAACTGTCTTGTGAGGCTGTGGGTCCACCAGAACCCGTAACCATTTTCTGGT
 GGAGAGGACCCACTAAGGTTGGGGACCTGCTTCTCCTCTGTTTTAAATGTAAACAGGAGTGACCCA
 GCGCACAGAGTTTTCTTGTGAAGCTCATAACATAAAAGGCTGGCCACTCCCGACCAGCCATTATTCGC
 CTTCAAGCACCGCTGCAGCTCCTTCAACATCACAGTAAACAACGATCTCCAGCAGCAACGCTAGTGTGG
 CCTGGGTGCCGGGTGCTGATGGCTTAGCTCTGCTGCACTCCTGTACTGTACAGGTGGCACATGCCCCAGG
 AGAATGGGAGGCCCTTGCTGTGCTGGTCCCGTGCCACCCTTTACTTGCTTGCTTCGGAACCTGGCCCT
 GCCACCAACTACAGCCTTAGGGTTCGCTGTGCCAACGCCCTGGGCCCTTCTCCATGCGGACTGGGTGC
 CCTTTCAGACAAAGGGCTAGCGCCAGCCAGAGCCCTCAGAATTTCCACGCCATTCGACTGACTCAGG
 CCTTATCTGGAATGGGAAGAAGTATTCTGAGGACCTGGGAAGGCCCTGGGACCTATAAGCTG
 TCCTGGGTCCAAGAAAATGGAACCCAGGATGAGCTGATGGTGAAGGAACTACGGCAATCTGACTGACT
 GGGATCCCAGAAGGACCTGGTTTTGCGTGTGTGCTCCAATGCAATTGGTGTGGCCCTGGGACTCA
 ACCACTGGTGGTCTTCTCATGACCATGCAGGAGGCAGGGCCCTCTCACAGCCGTACATCCTGGGTG
 CCTGTGGTCTGGGTGCTCACCGCCCTGATCACAGCTGCTGCCCTGGCCCTATCCTGCTTCGGAAGA
 GACGCAAGGAGACCGGTTGGGCAAGCCTTTGACAGTGTATGGCCGAGGGGAGCCAGCTGTACACTT
 CCGGGCAGCCCGTCTTCAATCGAGAAAGCCTGAACGCATTGAAGCTACATTGGATAGCTGGGCATC
 AGCGATGAATTGAAGGAGAAGCTGGAGGACCTCCTATCCAGAGCAGCAGTTACCCTCGGCCGGATGT
 TGGGCAAAGGAGAGTTGGATCAGTGGGGAAGCCAGCTGAAGCAGGAAGATGGCTCCTTTGTGAAAGT
 GGCAGTGAAGATGCTGAAAGCTGACATCATTGCCTCAAGCGACATAGAAGAGTTCCTGAGAGAAGCAGCT
 TGCATGAAGGAGTTGACCATCCACACGTGCCAAGCTTGTGGAGTGAGCCTCCGGAGCAGGGCTAAAG
 GTCGCTCCCCATTCCCATGGTCATCCTGCCCTCATGAAGCACGGAGACTTGCATGCCTTCTGCTCGC
 CTCCCGAATTGGGGAGAACCCTTTAACCTGCCCTCCAGACCCTCGTCCGGTTCATGGTGGACATTGCC
 TGTGGCATGGAGTACCTGAGCTCCCGAACTTCATCCACCAGACCTAGCAGCTCGGAATTGCATGCTGG
 CAGAGGACATGACAGTGTGTGGCTGACTTTGGACTCTCCCGGAAAATTTATAGCGGGGACTATTATCG
 TCAGGGCTGTGCCTCAAAGTGCCTGTCAAGTGGCTGGCCCTGGAGAGCTTGGCTGACAACCTGTACT
 GTACACAGCGATGTGTGGCCTCGGGGTGACCATGTGGGAGATCATGACTCGTGGGCAGACGCCATATG
 CATGGAGGAAGTGTATGATCTCATGTACCAGTGTGGAGTGCCGACCCAAAGCAGCGCCCAAGCTCACA
 TGCTGCGAATGGAAGTGGAGAACATCTGGGCCACCTATCTGTTCTGTCCACCAGCCAGGACCCCTGT
 ACATCAACATTGAGAGAGCTGGGACGCTGCTGAGAATGGCAGTCCCGAGCTGCCCTGTGGAGAGCAGTC
 TAGCAGCGAGGCGGGGATGGCAGTGGCATGGGGCAATAGGTGGCATCCCCAGTACTGTCCGTACATC
 TTCAGCCCTGGAGGGTTGGCCGAGTCACCAGGGCAGCTGGAGCAGCAGCCAGAAAGCCCCCTCAACGAGA
 ACCAGAGGCTTTTGTGTTGCAGCAAGGGCTACTGCCTCACAGTAGCTGT**TAA**

ACGGCTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_017092

Insert Size:	2643 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:	NM_017092.1 , NP_058788.1
RefSeq Size:	3726 bp
RefSeq ORF:	2643 bp
Locus ID:	25232
UniProt ID:	P55146
Cytogenetics:	3q35
Gene Summary:	receptor tyrosine kinase; may have a role in development or function of specific neuronal populations [RGD, Feb 2006]