

Product datasheet for **RN208711**

Tpx2 (NM_001107790) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tpx2 (NM_001107790) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tpx2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208711 representing NM_001107790
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCAAGTCCCAACAGCTTACTCGTTTGATGCCCCACCGACTTTATCAACTTTTCATCTTTGGATG
 CTGAAGAGGACACTGAAAATATAGACTCATGGTTTGATGAGAAGGCCAACTTGGAGAACAAGTTTCTTCG
 GCAGAGTGAATAGGAGAACCTTTTCAGGGGAAGACGTCCTTGAGAAAAGCCAACTTCAACAAGGCTGT
 GTCACACCATTGAAGGCAGTTGATAACACTTACTACAAAGAGACAGAAAAGGAAAATCTTCAGAAGCAAT
 CTATCCCATCAAATGATTGTCCTTCCCTGAATGCTAAGAGAGCTGTGACAGGAACTACTCCCATCCAGCC
 TCAGAGAAGATCTGTTAGACTCTCTGCTCAGAAGGATTTGGAGCAGAAAAGAGAAAACCATGTTGCCTCT
 GTTGAAATGAAAGCCAAGAGATGCACTGCTCCACGACTGATTATCCCCCAACAAGAAAATGAAAGTGT
 CTCATAAAAAGAAACCGGAGGAAGAAGAGGAGGCGAGTCTCCAGCTACTTCAAGAAAGGATGAAACTCT
 GGAGAGGGCCAAGGGCAAACACTGTGCTGCTGTGCCGCTGCCAGGGAGAAGACTGTAAGAGTACT
 GAAGAGCAGGAGTTAGAGAAGAGTCTGAGAATGCAGCAGGAAGTGGTAGAGATGCCGAAGAAGAATGAAG
 AGTTTAAGAAGCTGGCTCTTGCAGGGCCAGGGCAACCTGTGAAGAAATCCACCAGCCAGGTTACCAAGAC
 AGTTGACTTTCACTTCTCACAGATGAGAGAATCAAACAACATCCCAAGAGCCAGGAGGAGTATAAGGAA
 GTGAACCTTCATGTCCGAACCTCGAAAGCATTCTTCCACTCCTGCCCGAGGGACCAGAGGATGTACCATCA
 TTAAGCCTTTCAATCTGTCCAAGGAAAGAAAAGAACATTTGACGAAGCAGCGTCTACATATGTGCCAT
 TGCACAGCAGGTTGAAGCCTTCCACAAACGAACCCCTAATCGATACCATCTGAGGAACAAGAAGGACGAG
 AGCTTGTACCCTCCAAACCTGTGAACAAGATTGTACGAGACCCCCAGACCCCTATACTGCAGACCAAT
 ACCGTGCAAGGGCTGTGACCTGCAAAAAGTGCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG
 ATACAAAATTCAAAAGCACGGGAACCTTGATCCAGAAATTTTGAAGTGGCCCATCTTGCCCAAGAGACCA
 CCTGTTAAGCCTCTACCCAGCCTGTTGGTTTTGATTTGAAATTGAGAAACGAATTCATGAGCGAGAGT
 CAAAGAAAAAACCGAAGATGAACAATTTGAATTTCAATCCAGACCTTGCCTACTAAGATCTTGGAAGA
 TGTTGTGGGTGTTCTGAAAAGAAGGTTATTCCAGCCACTGTCCCTAAGTACCAGTTTTTGCAGTGAAG
 AACAGGATCCGAGTGCCTGTCAAAGAAGATGAGGAAGAGGAGAAACAGTAGTGATAAAAGCTCAACCTG
 TGCCACATTATGGGGTGCCTTATAAACCCCCCATCCCAGAGACAAGAAATGTGGAGGTGTGCCCGTTCTC
 CTTTGATACCCGGGACAAAGAACGCCAGTTGCAGAAGGAGAAAAAATAAAAGAAATGCAGAAAGGAGAG
 GTGCCCAAGTTCAAGGCCTTCTGTGCCCATTTTGACACCATTAACCTGCCAGAGAAAAAGGTAAGA
 ATGCGACTCAAGCCGAGCCTTCTCCTTGAGACAGACAAGAGAGGTGCCTACAAGGCCGAGATATGGAA
 GCACCAGCTGGAAGAAGAGCAGAAGCAGCAGAAGGAAGCAGCTTGCTTCAAGGCTCGTCCAAACACTGTC
 ATCTTCAAGAGCCCTTTGTTCCCAAGAAAGAGAAAAATCAGCTGCTGAGAACCCTTCTGGTTCTCTAG
 TTCAGGAACCTTTTTCAGCTGGCCACCGAGAAGAGAGCCAAAGAGCGGCAGGAGCTGGAGAAGAAAATGGC
 TGAGATGGAGGCTGGAAACTGCAGCAGTTGGCAGAAGTCAGGCAGCAGGAAGAGGAGCAGCAGAAGGAG
 GAGCTGGCCAGGCTCCGGAAGGAACTGGTGCACAAGGCAATCCAATCCGAAAGTACTCAGCAGTGGAGG
 TGAATCCAGTGAGCTGCCTCTGACCGTGCCGGTGTCTCCTAAGTCTCCTCACTCGGTTCCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107790

Insert Size: 2235 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_001107790.1, NP_001101260.1</u>
RefSeq Size:	3170 bp
RefSeq ORF:	2235 bp
Locus ID:	311546
Cytogenetics:	3q41