

Product datasheet for **RN207860**

Tnpo2 (NM_001107166) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnpo2 (NM_001107166) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tnpo2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207860 representing NM_001107166
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGACTGGCAGCCAGACGAGCAGGGCCTGCAGCAGGTCTTGACGCTTCTCAAAGATTTCGAGTCGCCCC
 ACACAGCTACTCAGCGCATAGTCAGGATAAACTTAAACAGCTCAACCAGTTTCCTGACTTCAACAACCTA
 CCTGATCTTCGTCTGACCAGACTCAAATCAGAAGATGAACCAACCCGCTCTCTGAGTGGCCTCATCCTT
 AAGAACAACGTGAAGGCACATTACCAGAGCTTCCACCTCCTGTGGCAGACTTCATCAAACAGGAATGTC
 TCAACAACATTGGCGATGCCTCCTCTCATCAGAGCCACCATTGGCATTCTCATCACCACCATCGCTTC
 CAAGGGTGAGCTGCAGATGTGGCCAGAGCTGCTGCCCCAGCTGTGCAACCTGCTCAACTCGGAGGATTAT
 AACACCTGTGAGGGAGCCTTTGGAGCCCTACAGAAGATCTGTGAAGACTCCTCTGAGCTTTTGGATAGTG
 ATGCTCTCAACAGGCCCTGAACATCATGATTCCCTAAATTCCTGCAGTTTTTCAAGCACTGCAGCCCTAA
 GATCCGGTCCCATGCCATTGCCTGTGTGAACAGTTTCATCATGGACCGGGCCCAAGCACTGATGGACAAC
 ATCGATACTTTTCATTGAGCACCTGTTTGCCTTGGCTGTGGATGATGACCTGAGGTGAGGAAGAAGCTGT
 GCAGAGCCCTTGTGATGCTTTTGAAGTGAGAATTGACAGGCTCATCCCTCACATGCACAGCATCATCCA
 GTACATGCTGCAGAGGCCAGGACCACGATGAGAATGTGGCCCTGGAGGCCTGTGAGTTCTGGCTGACG
 CTGGCCGAGCAGCCCATCTGCAAGGAAGTCTGGCCTCCACCTGGTCCAGTTGATCCCCATCCTCGTGA
 ATGGGATGAAGTACTCTGAGATTGACATCATCCTTCTTAAGGGGGATGTGGAGGAGGATGAGGCAGTACC
 TGACAGTGAGCAGGACATCAAGCCACGTTTCCACAAGTCACGCACAGTGACACTGACCCACGAGGCTGAG
 CGGCCTGACGGCTCTGAGGACGCTGAGGACGATGACGATGACGATGCTTTGTGAGACTGGAATCTGAGGA
 AGTGCTCAGCTGCTGCGCTGGATGTCTTGCCAATGTCTTCCGGGAGGAACTGCTGCCCCACCTACTTCC
 GCTGCTCAAAGGCCTCCTATTCCACCCTGAGTGGGTGGTCAAGGAGTCGGGGATCCTGGTCTGGGCGCC
 ATTGCCGAGGGCTGCATGCAGGAATGGTGCCTATCTACCTGAGCTGATCCACACCTCATCCAGTGCC
 TGTGACACAAGAAGGCCCTAGTTCGCTCCATTGCCTGCTGGACGCTGAGCCGCTATGCCCACTGGGTAGT
 CAGCCAGCCACCTGACATGCACCTCAAGCCTCTGATGACGGAGCTGCTCAAACGTATCCTGGATGGAAT
 AAGAGGGTGCAGGAGGCAGCCTGCAGTGCCTTTGCTACCTGGAGGAGGAGGCTGCACGGAGCTGGTGC
 CCTACCTCAGCTACATCCTTGACACTCTCGTTTTTGCCTTTGGCAATACCAGCATAAGAACCTGCTCAT
 CCTCTACGATGCCATCGGCACCCTGGCTGACTCTGTGGGCCACCCTCAATCAGCCAGAATACATTCAG
 AAGCTGATGCCCCCACTGATCCAGAAGTGAATGAATCAAGGACGAAGACAAGGACCTCTTCCCCCTGC
 TGGAGTGCCTATCATCTGTGGCCACTGCCCTGCAGAGTGGCTTCTGCCCTACTGTGAGCCTGTCTACCA
 GCGCTGTGTTACCTGGTGCAGAAGACACTGGCCAGGCCATGATGTACACACAGCACCCGGAACAGTAT
 GAGGCCCCCAGACAAGGACTTCATGATTGTTGCACTGGACCTGCTTAGTGGCTTGGCTGAGGGTCTGGGTG
 GCCATGTGGAACAGCTGGTAGCGAGAAGTAACATCATGACATTGCTCTTCCAGTGTATGCAGGATTCCAT
 GCCTGAGGTCCGGCAGAGTTCCTTTGCCCTTCTGGGAGACCTTACCAAAGCCTGCTTCATCCATGTCAAG
 CCCTGTATCGTGAGTTCATGCCTATTCTGGGCACCAACCTGAATCCTGAGTTCATCTGTCTGCAACA
 ATGCCACCTGGGCCATTGGGGAGATCTGCATGCAATGGGGCAGAGATGCAGCCCTATGTGCAGATGGT
 CCTCAGCAATCTGGTGGAGATCATTAACAGGCCCAACACGCCCAAGACACTGCTGGAACACAGCCATC
 ACCATCGCCCGCTGGGCTACGTGTGCCACAGGAGGTGGCACCCATGCTGCAGCAGTTTATCCGGCCTT
 GGTGCACGTCCCTTAGGAACATCCGGGACAACGAGGAGAAGGATTCTGCCTTCCGAGGCATCTGCATGAT
 GATTGGTGTCAATCCTGGGGGTGTTGTGCAGGACTTTATTTTCTCTGCGATGCTGTAGCCTCCTGGGTG
 AGCCCCAAGGATGACCTTCGGGACATGTTTTATAAGATCCTCCATGGCTTCAAAGACCAAGTTGGGGAGG
 AGAACTGGCAACAGTTCTCAGAGCAGTCCACCTCTGCTCAAGGAGAGGCTGGCAGCCTTCTATGGGGT
 TTTTGTCTGCGTCATCGTCGGAGGGTGTGCTGGGAATGTGCTGCTTCCAGAAGTCACTGTGCCCTGGTC
 GAGGGGGGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107166

Insert Size:	2742 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:	<u>NM_001107166.1, NP_001100636.1</u>
RefSeq Size:	4807 bp
RefSeq ORF:	2742 bp
Locus ID:	304670
Cytogenetics:	19q11