

Product datasheet for **RN217304**

Tnpo1 (NM_001100692) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnpo1 (NM_001100692) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tnpo1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN217304 representing NM_001100692

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGTATGAGTGGAAACCTGACGAGCAAGGGCTTCAGCAGATTCTGCAGCTGCTCAAGGAGTCCCAGT
CCCCAGACACCACCATCCAGAGGACCGTCAACAAAACTGGAACAACTTAATCAATATCCAGATTTTAA
CAACTACTTAATTTTTGTTCTTACAAAATTAATACTGAAGATGAGCCACACGGTCATTGAGCGGTCTG
ATCTTGAAGAACAATGTGAAAGCTCATTTTCAGAACTCCCGAACGGTGTGACGGACTTCATCAAGAGTG
AATGTCTAAATAATTTGGGGACTCCTCTCCGCTGATCAGGGCCACTGTTGGTATTTAATTACGACCAT
AGCCTCCAAGGGAGAAGTGCAGAATTGGCCTGACCTCTTACAAAACCTGTAGCCTGCTGGATTCTGAA
GACTACAACACCTGTGAGGGGGCATTCCGTGCCCTTCAGAAGATATGTGAGGACTCCGCGGAGATTTAG
ACAGCGATGTCTGGATCGCCCTCAACATCATGATCCCAAGTCTTACAGTTTTTCAAGCACAGTAG
TCCAAAATAAGGTCTCACGCTGTGTCATGTCAATCAGTTCATCATCAGTCGGACCCAAGCGCTCATG
TTGCACATCGACTCCTTCATTGAGAACCTTTGCACTGGCTGGTACGAGGAAGCCGAGGTGCGGAAGA
ACGTGTGCCGAGCGCTTGTGATGCTGCTGGAAGTCCGGATGGACCGTCTGCTGCCGCACATGCATAACAT
AGTCGAGTACATGCTTCAGAGGACCCAAGACCAAGATGAGAATGTGGCTCTGGAGGCCTGTGAATTTCTGG
CTGACTTTGGCTGAACAGCCAATATGCAAAGATGTACTTGTAAAGGCATCTGCCTAAGTTGATCCCGTGT
TAGTGAATGGCATGAAGTACTCAGATATAGACATCATCTGCTGAAGGGGGATGTTGAAGAAGACGAGGC
CATCCCTGATAGTGAGCAGGATATACGGCCACGGTTCATCGCTCAAGGACGGTGGCTCAGCAGCATGAA
GAGGATGGGATTGAAGAGGATGACGACGACGACGATGAGATTGATGATGACGATAACCATTTCTGCTGGA
ATCTCAGAAAAGTGTCTGCTGCTCTCGATGTTCTCGAAACGTTTATCGTGATGAGCTTTTGGCCACA
CATTTTGGCACTTTTGAAGAATTGCTTTTCCATCACGAGTGGTGTGAAAGAGTCTGGCATCTTGGTT
TTAGGAGCAATTGCTGAAGTTCATGCAAGGCATGATCCGTACCTGCCCGAGCTCATTCTCACCTCA
TTCAGTGCCTTTCTGACAAAAAGGCTCTTGTGCGTTCCATCACCTGCTGGACTCTAAGCCGCTATGCACA
CTGGGTAGTCAGCCAGCCACCAGATACATACCTGAAGCCATTAATGACGGAATTGCTGAAGCGTATCCTG
GATAGCAACAAGAGAGTACAAGAAGCTGCTTGCAGTGCCTTTGCTACGTTAGAAGAGGAGGCTTGTACAG
AGCTTGTCCCCTACCTTGCTTATATACTCGACACCCTCGTCTTCGCTTCAGTAAATACCAGCACAAGAA
CCTGCTCATTCTGTACGATGCCATAGGGACACTAGCAGATTGAGTGGGACATCATTTAAACAAGCCAGAA
TATATTCAGATGTAATGCCTCCTGATCCAGAAGTGAACATGTTAAAAGATGAAGACAAGGATCTTT
TCCTTTACTTGAGTGCCTCTCATCTGTTGCCACAGCCTTGCAAGTCTGGTTTCTTCCATATTGTGAACC
TGTGTATCAGCGTTGTGTAACCTGGTACAGAAGACACTAGCACAAGCCATGCTAAACAATGCTCAGCCA
GAACAATATGAAGCTCCAGATAAAGACTTTATGATTGTGGCTCTTGACTTACTCAGTGGCCTGGCTGAAG
GACTGGGAGGCAACATTGAGCAGCTGGTGGCCGAAGTAAACATCCTGACACTGATGTATCAATGCATGCA
GGATAAAATGCCCGAAGTTCGGCAGAGTCTTTTGCACTACTAGGTGATCTGACTAAAGCTTGTCTTCAG
CACGTTAAGCCTTGTATAGCTGATTTTATGCCAATATTGGGAACCAATCTAAATCCAGAGTTTATTTTCA
TCTGCAACAACGCCACCTGGGCAATTGGGAAAATCAATTCAAATGGGCATAGAGATGCAGCCTTACAT
CCCTATGGTGTGCACCAGCTCGTGGAGATCATTAAACAGACCCCAACCCCAAGACGCTGTTGGAGAAC
ACAGCAATAACAATTGGTCGTCTTGGTTACGTTTGTCTCAAGAGGTGGCCCCATGCTACAGCAGTTTA
TAAGACCTGGTGTACCTCTCTGAGAAACATAAGAGACAATGAAGAAAAAGATTCAGCATTCCGTGGGAT
TTGTACCATGATCAGTGTGAATCCTAGTGGCGTAATCCAAGATTTTATATTTTTTTGTGATGCTGTTGCA
TCATGGATTAATCCCAAAGACGACCTCAGAGACATGTTCTGTAAGATCCTTCATGGATTTAAAACCAAG
TTGGGGATGAAAATTGGAGGCGATTCTCTGACCAGTTTCTCTTCCCTTAAAAGAGCGTCTTGGCGCTT
TTATGGTGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001100692

Insert Size:	2673 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001100692.1</u> , <u>NP_001094162.1</u>
RefSeq Size:	8281 bp
RefSeq ORF:	2673 bp
Locus ID:	309126
Cytogenetics:	2q12