

Product datasheet for **MC222673**

Tnpo3 (NM_177296) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnpo3 (NM_177296) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tnpo3
Synonyms:	5730544L10Rik; C81142; C430013M08Rik; D6Ertd313e; mKIAA4133; Trn-SR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222673 representing NM_177296
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGGAGCCAAGCCAACCTTGCAGCTCGTGTACCAGGCGGTGCAAGCGCTTTACCACGACCCGGATC
 CCAGCGAAAGGAGCGCCTCGTTTTGGCTTGGGGAGCTGCAGCGTTCGGTTCACGCTTGGGAGATTTT
 TGATCAATTGTTACAGATCCGACAGGATGTGGAATCATGCTATTTTCGCTGCCAGACCATGAAAAAGAAG
 ATTCAGACCTCATTTTATGAGCTCCCCACAGACTCTCATGCTTCTTAAGGGACTCATTGCTAACTCACA
 TTCAGAACTTGAAAGACTTGTGCGCTGTCATTGTAACACAGCTGGCTTTAGCAATAGCAGACCTCGCCCT
 ACAGATGCCTTCTGGAAAGGATGCGTACAAACATTGGTAGAAAAATATAGCAATGACGTAACCTCTTTA
 CCTTTTTTGTGGAAATCCTTACAGTGTACCCGAAGAAGTACATAGTCGTTCTTGGCGATTGGGGCCA
 ACAGGCGGACAGAAATTATAGAAGACTTAGCCTTCTACTCTAGTACCGTGGTATCTTTATTGATGACATG
 TGTAGAGAAAGCAGGAACCGATGAGAAGATGCTTATGAAGTCTCCGATGTTTGGGAAGTTGGTTAAAC
 TTGGGGGTTTTGGACAGTAACCTCATGGCTAATAATAAGTTATTAGCACTCCTTTTTGAGGTCTTGAAC
 AAGATAAGACCTCATCTAACCTACACGAAGCTGCTTCAGACTGTGTATGCTCAGCTCTCTATGCTATTGA
 AAATGTAGAGACTAATTGCCATTGGCCATGCAGCTTTTTCAGGGAGTCTGACATTGGAGACTGCATAT
 CATATGGCTGTGGCAGCGGAAGATTTGGACAAAGTTCTGAATTACTGCCGAATTTTACCAGCACTATGTG
 AAATTTCTGGAAAAAATTGTCTGACTCCAGGCCAAGGTCTGGGAGATCTTGAACCTTTGGAATTGCT
 TCTTATCTGTGCAGGCCACCCTCAGTATGAGGTAGTAGAAATTTCTTTAACTTTTGGTACCGACTAGGA
 GAACATTTATACAAAACCAATGATGAAGTTATTCACAGCATCTCAAAGCGTACATTAGAGGCTGCTTC
 ATGCCTTGGCTCGACACTGCCAGTTGGAACAGACCATGAGGGAGTTCCTGAAGAGACCGATGCAATTTGG
 GGAGTTTTCGAATGAGAGTGTGACACTGGTGAAGGACTTGATCTTCTGATTGGATCTATGGAGTGT
 GCTCAGTTGTATTCTACTCTGAAGGAAGGCAACCCACCCTGGGAGGTGACAGAAGCGTTCTCTTTATCA
 TGGCTGCTATAGCAAAGAGTGTGGATCCGGAGAACAACCCTACACTTGTGGAGGTACTAGAGGGAGTTGT
 CCATCTCCAGAGACCGTGCATACAGCTGTGCGGTACACTAGCATTGAGTTGGTTGGTGGAGATGAGTGAA
 GTGGTGGACCGGAATCCCAGTTCTGGACCCTGTATTGGGCTATTTGATGAAAGCCTGTGTGAAAAGC
 CTCTGGCTTCTGCTGCAGCCAAAGCCATTACATAACATTTGTTCCGTTTGTGCGGATCATATGGCTCAGCA
 CTTTAAATGGACTCTAGAAATGGCCACTCCCTTGATTCTTTCATGTTGTCTCCGAAAGCTGCTGTGGGT
 TTGCTAAAAGGAACAGCTTTGTCTAGCAAGACTACCTTTGGATAAGATTACAGAAATGCTAAGTGAGT
 TATGTTCTGTTACAGTTATGGCATTGAAAAAGCTGTTGTCTCAGGAGCCAGCAATGGCATTCTTTCAGA
 TCCCACTGTCTTCTAGATCGCCTGGCAGTAATATTTAGACACACCAATCCTATTGTAGAAAAATGGACAG
 ACTCATCCATGCCAAAAAGTATCCAGGAAATATGGCCAGTTTTGTCTGAGACTCTAAAATAGCACCGAG
 CCGACAATCGAATTGTAGAGCGTTGTTGTAGATGCCTGCGCTTTGCGGTTGTTGTAGGCAAAGGATC
 TGCAGCACTGCTACAGCCACTAGTTACACAGATGGTGAATGTGTACCATGTACATCAGCATTCTGTTTC
 CTCTACCTTGGCAGTATCCTTGTGGATGAGTACGGCATGGAAGAAGGCTGTGCGCAGGGGTTATTAGACA
 TGCTCCAGGCGCTATGCATTCCCACCTTCAGCTCCTAGAACAGCAGAAATGGCCTCCAAAATCACCTGA
 CACTGTAGATGACCTATTCAGGTTAGCCACCCGATTTATTCAGCGAAGCCCTGTACCTTGTCTGAGGAGC
 CAGGTTGTCATCCCAATCTTACAGTGGCCATTGCATCAACCACTTTGGACCACCGAGATGCCAATTCCA
 GTGTCATGAGATTTCTGCGAGACCTCATCCACACAGGAGTAGCCAATGATCATGAAGAAGATTTTGAATT
 GCGGAAGGAATAATTGGACAGGTGATGAGCCAGCTTGGCCAGCAACTTGTGAGCCAGCTGCTCCACACA
 TGCTGCTTTTGTCTTCCCCCTACACCCTACCCGACGTGGCTGAAGTGTCTGGGAGATCATGCAGGTTG
 ACAGACCGACTTTCTGTCGGTGGCTAGAGAATTCCTTGAAGGTTTGC AAAAGAGACCACAGTGGGAGC
 TGTACAGTGACACATAAAACAATTACAGATTTCCACAAGCAAGTCACTAGTGCCGAGGAATGTAAGCAA
 GTTTGCTGGGCCCTTGAGAGACTTACCAGGTTGTTTCGA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_177296
Insert Size:	2772 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_177296.4 , NP_796270.2
RefSeq Size:	3971 bp
RefSeq ORF:	2772 bp
Locus ID:	320938
UniProt ID:	Q6P2B1
Cytogenetics:	6 12.36 cM
Gene Summary:	Seems to function in nuclear protein import as nuclear transport receptor. In vitro, mediates the nuclear import of splicing factor SR proteins RBM4, SFRS1 and SFRS2, by recognizing phosphorylated RS domains (By similarity).[UniProtKB/Swiss-Prot Function]