

Product datasheet for **RN209997**

Tpst2 (NM_001008508) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tpst2 (NM_001008508) Rat Untagged Clone
Tag: Tag Free
Symbol: Tpst2
Synonyms: TPST-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209997 representing NM_001008508
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGAGGCGGGCCCCCTGGCTGGGCTGCGACCCTGGCTGGGCATGCGCCTGTCCGGTGCCTAAGGTGCTGC
 TGGCCGTGGGCTGCGCTCTGGCCCTGGTGTCTGCTGTGCAGCTTGGGCAGCAAGTACTGGAGTCCGGGGC
 GGTGCTCGGGGGCGTGGGAGCCACGGAGGATGCAACCGGAGCAGGAGGAAGTGGTGTGCTCGGGCC
 GACCACGTGGAGTACCGTTACGGCAAGACCATGCGCCTCATCTTTGTGGGCGGCGTGCCACGCAGTGGCA
 CCACCCTCATGCGCGCCATGTTGGACGCGCACCCCTGAGGTGCGCTGTGGGGAGGAGACGCGCATCATCCC
 TCGCGTGTGGCCATGCGGCAGGCCTGGACCAAGTCAAGCCGCGAGAAGCTGCGACTGGACGAGGCGAGGT
 GTGACAGATGAGGTGCTGGACGCGGCCATGCAGGCCTTCATCCTGGAGGTGATCGCCAAGCACGGCGAGC
 CGGCACGCGTGTATGTAACAAGGACCCCTTCACTCAAGTCGTCCTACCTGGCACGCCTGTTCCC
 CAACTCCAAATTCCTGCTAATGGTGCCTGATGGCCGGGCGTCCGTGCACTCCATGATCACACGCAAGGTC
 ACCATCGCGGGCTTTGACCTCAGCAGTACCGAGACTGCCTCACCAAGTGAACAAGGCCATCGAGGTGA
 TGTACGCACAGTGCATGGAGGTGGGAGGACAAGTGCCTGCCTGTGTACTATGACACAGTGTGGTGTGCA
 TCCCCGCGCTCACTCAAACGCATCCTGGACTTCTGGGCATCGCCTGGAGTGACACAGTCCCTGCACCAC
 GAGGACCTCATTGGCAAGCCTGGGGCGTCTCCTTGTCCAAGATTGAGCGGTCCACGGACCAGGTCATCA
 AACCCGTGAACCTGGAAGCTCTCTCAAGTGGACTGGCCACATCCCCAGAGACGTGGTGGGGACATGGC
 CCAGATTGCCCCATGCTGGCCCGGCTTGGCTATGATCCGTACGCAAAATCCACCAACTATGGGAACCC
 GACCCCATGTATCAACAACACACCCGGTCTTGAAGGAGACTATAAAACGCCAGCAATCTGAAAG
 GATATTTTCAGGTGAACCAGAACAGTACCTCCCCACACTGGGAAGTTCG**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII



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ACCN:	NM_001008508
Insert Size:	1173 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_001008508.3</u> , <u>NP_001008508.2</u>
RefSeq Size:	1792 bp
RefSeq ORF:	1173 bp
Locus ID:	288719
Cytogenetics:	12q16