

Product datasheet for **RR209997**

Tpst2 (NM_001008508) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tpst2 (NM_001008508) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tpst2
Synonyms: TPST-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR209997 representing NM_001008508
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGGCGGGCCCCCTGGCTGGGCTGCGACCCTGGCTGGGCATGCGCCTGTCCGGTGCCTAAGGTGCTGC
 TGGCCGTGGGCTGCGCTCTGGCCCTGGTGTCTGCTGTGCAGCTTGGGCAGCAAGTACTGGAGTCCGGGGC
 GGTGCTCGGGGGCGTGGGAGCCACGGAGGATGCAACCGGAGCAGGAGGAAGTGGTGTGCTCGGGCC
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 GAGGACCTCATTGGCAAGCCTGGGGCGTCTCCTTGTCCAAGATTGAGCGGTCCACGGACCAGGTCATCA
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 TGGATTACAAGGATGACGACGATAAGGTTTAA



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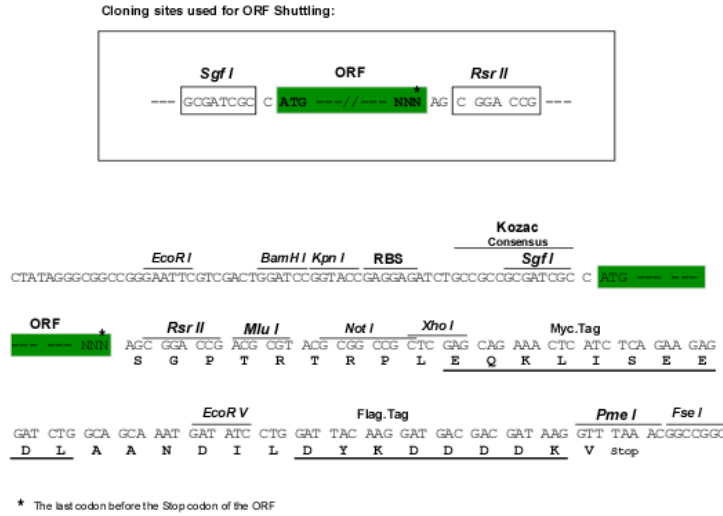
Protein Sequence: >RR20997 representing NM_001008508
 Red=Cloning site Green=Tags(s)

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 DHVEYRYGKTMPLIFVGGVPRSGTTLMRAMLDHPEVRCGEETRIIPRVLAMRQAWTKSGREKLRLDEAG
 VTDEVLDAA MQAF ILEVI AKHGEPARVLCNKDPFTL KSSVYLARLFPNSKFLLMVRDGRASVHSMITRKV
 TIAGFDLSSYRDCLTKWNKAIEVMYAQCMEVGRDKCLPVYYEQLVLHPRRSLKRILDFLGIAWSDTVLHH
 EDLIGKPGGVLSKIERSTDQVIKPVNLEALS KWTGHIPRDVVRDMAQIAPMLARLGYDPYANPPNYGNP
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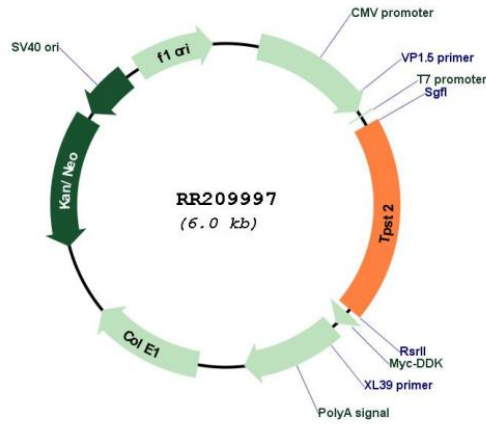
SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001008508

ORF Size:	1170 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001008508.3 , NP_001008508.2
RefSeq Size:	1792 bp
RefSeq ORF:	1173 bp
Locus ID:	288719
Cytogenetics:	12q16
MW:	43.8 kDa