

Product datasheet for MC200117

Tpst2 (NM_009419) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tpst2 (NM_009419) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tpst2
Synonyms: A1448750; D5Ucla3; grm; grt; Tango13b
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003721 sequence for NM_009419
 CCCACGCGTCCGGCCGGCAGGGAGCCGGAGTCTGCGCGGGCGCCGATTTGGGCACGGACTGT CAGGGCAG
 GAAGCCGTGGTGACCAGGCTCGAGGACTGGCGCTTGAAAATGAGGGCGCCAGGGGAGATGTATACCAGG
 TGGGCCTGCTGACCCGTCATGAGGCGGGCCCCCTGGCTGGGCCTGCGACCCTGGCTGGGCATGCGCCTG
 TCGGTGCGTAAGGTGCTGCTGGCCGCGGCTGTGCTCTGGCCCTGGTGTGCTGCTGTGACGCTGGGCAGC
 AAGTACTGGAGTGCCGGGCGGTGCTCGGGGACACCGAACCCACGGAGGATGCGGCCGAGCAGGAGGA
 ACTGGTGTGCTCGGCGCCGACCACGTGGAGTACCCTATGGCAAGGCCATGCCACTCATCTTTGTGGGC
 GCGGTGCCACGCAGTGGCACCACGCTCATGCGCGCCATGTTGGACGCACACCCGGAGGTGCGCTGTGGG
 AGGAGACGCGCATCATCCCTCGTGTGCTGGCCATGCGGCAGGCCTGGACCAAGTCTGGCCGTGAGAACT
 GCGGCTGGACGAGGCAGGTGTGACGGATGAGGTGCTGGACGCGCCATGCAGGCCTTCATTCTGGAGGTG
 ATCGCCAAGCACGGCGAACCCAGCCGCGTGTGTGTAACAAGGACCCCTTCACACTCAAGTCATCCGTCT
 ACCTGGCAGCCTGTTCCCAACTCCAAATTCCTGCTAATGGTGCCTGACGGCCGGCGTCCGTGCACTC
 CATGATCACGCGCAAGGTCAACATCGCGGGCTTTGACCTCAGCAGCTACCGAGACTGCCTCACCAGTGG
 AACAAAGGCCATCGAGGTGATGTACGCACAGTGCATGGAGGTGGGCAGGGACAAGTGCCTGCCCGTACT
 ATGAGCAGTTGGTGTGACCCCCGGCGCTCACTCAAACGCATCCTGGATTTCTGGGCATCGCCTGGAG
 TGACACAGTCTGCACCATGAGGACCTCATTGGCAAGCCTGGGGGCGTCTCCTTGTCCAAGATCGAGCGG
 TCCACGGACCAGGTCATCAAACCGGTGAACCTTGGAAAGTCTCTCCAAGTGGACGGCCACATCCCTAGAG
 ACGTGGTGAGGGATATGGCCAGATTGCCCCATGCTGGCCCGGCTTGGCTATGACCCGTATGCGAATCC
 GCCCAACTATGGGAACCCGACCCATTGTCATCAACAACACACACCGGGTCTTGAAAGGAGACTATAAA
 ACGCCAGCAATCTGAAAGGATATTTTCAGGTGAACCAAGACAGCACCTCCCCACACCTAGGAAAGTTCGT
 GATTTCCAGTCCCTGCAGGGCTCAGACGCTCAGTCTCGACCTGCACACGGAAGCTGGACTAACCCAAG
 CACATGGCTTGTCTCAGTACGCGGGGCGGGCTGCCGGTTGGAGCATTATACATCTTGGCCAAAG
 CAGGCTTGAACCTCCGCTCCAGGACAACACTAAGGAGGGAGAGACTACTCCGCTTCAGAACTTGGAG
 ATTTTCTAATTTTCTCTCCTTGGGAACTTTTTTAAAGAATTGAATTTGCTATCTTCCCTAATGGACAG
 ACCCTTGGTGACCTCATCTCCTGGGACAAGACCCGGAGACCCGTGCTCTCCTTGACTGGACGTTGAACT
 CAAAGGATCTATTTAAGAGTTTAAATATATGGGTTCTCCTTGTCTAGTCTACTCAGTTTACAGAGAAA
 AGAAATTAATTTTGAATAAAGTAGACAGGCTGCTGTGCTGTGCCTTACTTCAAAAAAAAAAAAAAAAAA AAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_009419
Insert Size:	1131 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:	BC003721 , AAH03721
RefSeq Size:	1829 bp
RefSeq ORF:	1131 bp
Locus ID:	22022
UniProt ID:	O88856
Cytogenetics:	5 54.65 cM
Gene Summary:	<p>Catalyzes the O-sulfation of tyrosine residues within acidic motifs of polypeptides, using 3'-phosphoadenylyl sulfate (PAPS) as cosubstrate.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>