

## Product datasheet for **RN203190**

### Tacstd2 (NM\_001009540) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tacstd2 (NM\_001009540) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tacstd2  
**Synonyms:** Prp1; Trop2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >RN203190 representing NM\_001009540  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGAGGGGCTTGGATCTAGCACCGCTGCTACTGCTACTGCTGGCGATGGTGGCCGGCTTTTGCACGG  
CCCAGATCAACTGCACATGCCCTACCAACAAGATGACCGTCTGCAACTCTAATGGCCAGGTGGGGTCTG  
CCAATGTCGGGAATCGGCTCGCAGGTGTTGGTCGACTGCTCCACGCTAACTTCCAAGTGCCTGCTACTC  
AAGGCGCGCATGAGCGCCGAAAGAGCAGCCGCAGACTGGTGAATCCGAGCGAGCACGCGATCTTGACA  
ACGATGGCCTCTACGACCCGGAGTGTGACGACAAGGGCCGCTTCAAGGCGGCCAGTGAACCCAGACCTC  
GGTGTGCTGGTGCCTAACTCGGTGGGCGTGCGCCGAACGGACAAGGGAGACCAGAGCCTGCGCTGCGAC  
GAAGTGGTGCGAACCCACCACATCCTCATTGAGTTGCGCCACCGCCGACAGACCAGCCTTCAACCACT  
CTGACCTAGACTCCGAGCTGCGGCGCTCTTCAAGGAACGCTACAAGCTGCACCCAGCTTCTGGCCGC  
GGTGCCTACGAAGAGCCACCATCCAGATCGAGCTGCAGCAGAACCGCTCACAGAAGGGCCTGAGAGAC  
GTGGACATCGCTGACGCCGCTACTACTCGAAAGGGACATCAAAGGCGAGTCACTGTTTCGTTGGCCGTC  
GCGGCTGGACGTGACGGTGCCTGGGGAGCCCTGCATGTGGAGCGGACTCTCATCTACTACCTGGACGA  
GAAGCCCCCAGTTCTCCATGAAGCGCCTCACCACCGGCTCATTGCCGTCATCGCTGTCGTCGCGGTG  
GCACTAGTGGCCGGTGTGGTGGTCTTGGTGGTCAACACCGGAGGAAATCAGGAAAATACAAAAGGTGG  
AGCTTAAGGAGCTAGGGGAGATGAGAAGCGAACCTAGCTT**GTAG**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1653\\_e08.zip](https://cdn.origene.com/chromatograms/ja1653_e08.zip)

**Restriction Sites:** Sgfl-RsrII



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ACCN:	NM_001009540
Insert Size:	954 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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<u><a href="#">NM_001009540.2</a></u> , <u><a href="#">NP_001009540.2</a></u>
RefSeq Size:	1724 bp
RefSeq ORF:	954 bp
Locus ID:	494343
UniProt ID:	<u><a href="#">Q6P9Z6</a></u>
Cytogenetics:	4q31
Gene Summary:	May function as a growth factor receptor.[UniProtKB/Swiss-Prot Function]