

Product datasheet for **SC120724**

TSTD2 (NM_139246) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSTD2 (NM_139246) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSTD2
Synonyms:	C9orf97
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_139246, the custom clone sequence may differ by one or more nucleotides

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ATGCCTTCTTCCACTTCACCAGACCAAGGAGATGACCTGGAGAACTGCATTTTAAGATTTTCTGACCTGG
ATTTAAAAGATATGAGTCTTATTAATCCCAGCAGCAGTCTTAAAGCAGAATTAGATGGCAGTACAAAAA
GAAATACTCGTTTGCAAAGAAAAAGGCCCTTTGCCCTTTTGTCAAACCAAAGAAGTTCCAACAAAAAGG
AGTTTTGAATGTAAGAAAAAATTGTGGAATGCTGTCGGCAGCTATTACAGACCAAACCATCCATA
GACATGTGGCAACACAACATGCTGATGAAATTTATCACCAGACAGCTTCTATTTTAAAGCAACTGGCTGT
GACATTGAGCACCTCAAAGAGTCTTTCTGCTGCAGATGAAAAGAACCCTTTAAAGAGTGCCTTCCACAT
AGCCATGACGTGTCTGCTTGGCTCCCTGATATAAGCTGCTTTAACCTGATGAGCTGATAAGTGGCCAGG
GCAGTGAAGAAGGGGAGGTGCTCCTTTATTACTGCTACCATGACCTGGAGGATCCCAATGGATCTGTGC
CTGGCAGACAGCTCTGTGTCAGCACCTGCACCTCACAGGCAAGATTGCAATTGCTGCAGAAGGAATCAAT
GGGACAGTTGGTGAAGCAAATTGGCTACCAGACTTTATGTGGAAGTCATGCTTTCCTTCCCATTGTTTA
AGGATGACCTGTGTAAGATGATTTTAAGACCAGCAAAGGAGGAGCTCACTGTTTTCCAGAATTGCGTGT
TGGTGTATTTGAAGAAATCGTGCCCATGGGGATCAGCCCCAAAAAGATCTCTACAAGAAGCCTGGAATC
CATTTATCCCCAGGTGAATTTCAAAAGAAGTAGAAAAGTTTTATCTCAGGCAAATCAAGAACAAAGTG
ATACTATCCTTCTTGATTGCAGAACTTCTATGAAAGCAAATAGGACGATTCCAAGGCTGCTTAGCCCC
AGACATCAGGAAATTCAGTTACTTCCCTAGCTACGTTGACAAAAATCTAGAACTTTTTCAGAGAGAAGAGA
GTGCTGATGTACTGTACCGGGGGCATCCGCTGTGAGCGGGGTTGAGCCTACCTCAAAGCCAAGGGAGTGT
GCAAGGAGGTGTTCCAGCTCAAGGGTGGCATCCACAAGTACCTGGAAGAGTTTCTGATGGCTTTTACAA
AGGGAAGTTGTTGTTTTGATGAACGCTATGCTCTGCTCTACACAGTGTGTGGTGTGAGAGTGTTC
TACTGTGGAGCCCGCTGGGACCAGTATAAATCTGCTCTACTCCCAGTGCCGCCAGCTCGTTTTGACCT
GCCCTGCCTGTCAAGGACAAGGATTACAGCCTGTTGTGTGCACATGTCAAGACAAGGGGAGCAGGAAGT
TTCAGGCCTATGCAAGACAGCTTTAAAGAGGAATGCGAGTGCACAGCCGACGGCCACGCATACCTAGG
GAACTCTTGCAGCATGTGCGACAGCCTGTGAGCCAGAGCCAGGGCCTGATGCTGATGAGGATGGCCAG
TGCTTATGTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_139246 unedited

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TGCAGATTTTGTAAATACGACTTCACTATAGGGCGGCCGCGATTTCGGCACGAGGAAGCAAC
TGGCTGTGACATTGAGCACCTCAAAGAGTCTTTCGTCTGCAGATGAAAAGAACCTTTAA
AAGAGTGCCTTCCACATAGCCATGACGTGTCTGCTTGGCTCCCTGATATAAGCTGCTTTA
ACCCTGATGAGCTGATAAGTGGCCAGGGCAGTGAAGAAGGGGAGGTGCTCCTTTATTACT
GCTACCATGACCTGGAGGATCCCAATGGATCTGTGCCTGGCAGACAGCTCTGTGTCAGC
ACCTGCACCTCACAGGCAAGATTGCAATTGCTGCAGAAGGAATCAATGGGACAGTTGGTG
GAAGCAAATTGGCTACCAGACTTTATGTGGAAGTCATTGCTTTCCTTCCCATTGTTTAAG
GATGACCTGTGTAAGATGATTNTAAGACCAGCAAAGGAGGAGCTCACTGTNTTCCAGAA
TTGCGTGTGGTGTATTTGAAGAAATCGTGCCCATGGGGATCAGCCCCAAAAAGATCTCC
TACAAGAAGCCTGGAATCCATTTATCCCCAGGTGAATTTCAAAAGAAGTAGAAAAGTTT
TTATCTCAGGCAAATCAAGAACAAAGTGATACTATCCTTCTTGATTGCAGAAAACCTCTA
TGAAAGCAAAATAGGACCATTTCCAAGCTGCTTAGCCCCAGACATCAGGAAATTCAGTTA
CTTCCCTACTACGTTGACAAAAATTTAGAACTCTTCAGAGAGAAAAATGGCTGATGTACT
GTACCGGGGGCATTGCTGTGAGCGGGGTCAGCCTACCTCAAGCCAAGGGAGTGTGCGAG
GGAGGTGTTCCACTCAGGGTGGCATCCCAAATCCTGGAAGAGTTCGGAGGCTTNACAAG
GGAAGTGNTGGTNTTNGAAGNCTTGCTCTGCCTCACCATGAG
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_139246 unedited <pre> NNCCGTATTCTATGNACGCGGCCGATTCTANNGTCGAGTTTTTTTTTTTTTTTTTGA GTATTATAAAACACTTTATTACAAATTTGTCTTAGCTATTAGCAAATAAACTGATTATC ATTCTTTATTAACCTCCTTGGAATTTTGAAAACCTCGATTAAAGTTGCCAAATTGATTA CTGGATCCAGAACACAATTTCCCTCAGAACAGATAGACAGACTGAAGCCACTGAACTC TGCCAGGAGTCAACATGAGATTCTTTTCTGGATATGCAGAAATGATAGGAAAAAACC AATGGTGAAATTTCAAGTTTCAAAAACCAACCTTTCATTACCAATCCCAGGCAACAAACA TGTCCTGAGTGTTCTTTAAGAACATTTGGGATTATGTACAATTTAATACTGGAGTTAG AACTTTTTCTTATTGAATGCCAACCTTATGATGGATGTGAAAATCTACGGCCAAATACT TTTGAAAACACCTTTCTATATTGCACAGTGGGCAAATGGCTTATGTGAGGTAAGACACTA GAGGGATAAATTTCCAGATCAACATGGCTATGGTATTTAGTAATGGCCAGCTTAGAGAC TTCAGCTACTGATCTCATCACTTATTAGACAAATTGCTGCTGACCTTACGCCTGTATATT AAGCCTCCGAGGATGCCGACAATGGTGAAGAACTCCAGATATCAAGGAATTGGGAAA TCCTGGCCAAACCACCCAAGATGATTACACTGAAATGTAGTATTAGTACTGCTGCCAGA TCTCTTTTACATCATGTGCGTCTCTTGGGATCCAGCAAAAGTGTAAAGCCACAATGCC TTGTGCCCTTTTATATACCACAGTGCCAGTTAACTAATATTTTT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_139246
Insert Size:	4000 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:	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_139246.2 , NP_640339.2
RefSeq Size:	4445 bp
RefSeq ORF:	873 bp
Locus ID:	158427
UniProt ID:	Q5T7W7
Cytogenetics:	9q22.33
Domains:	RHOD
Protein Families:	Druggable Genome