

Product datasheet for **SC114948**

TDIF2 (DNTTIP2) (NM_014597) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TDIF2 (DNTTIP2) (NM_014597) Human Untagged Clone
Tag:	Tag Free
Symbol:	TDIF2
Synonyms:	ERBP; FCF2; HSU15552; LPTS-RP2; Tdif2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC114948 sequence for NM_014597 edited (data generated by NextGen Sequencing)

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ATGGTGGTTACCAGATCTGCACGGGCTAAGGCCAGCATCCAAGCCGCGTCGGCTGAAAGT
TCCGGGCAAAAAGAGTTTTGCTGCTAATGGGATTCAAGCGCATCCAGAAAGTAGTACTGGA
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ACTCCTAAAGCTAGAAAAGAGGAAGAGCAGAACTACAGGCTCACTACCAAAGGGGACTGAA
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GATACCATTTTAAAGGTAAGTAGGAGAAGGCAGATCTTAATTGCATGCTCCCCAGTGTCC
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GATTCTGAATTCAGAAGATACAACCGAAGGAAGTACTCAGAGATCATGGCTGAAAAAGCA
GCAATGCAGCAGGAAAAAAGTTCCGAAAGAAGAAGAAATTTTCGAATTA
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Clone variation with respect to NM_014597.4
258 a=>g

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_014597 unedited NGGTCAGAATTTGTATACGACTCATATAGGGCGGCCGCGAATTCGCACGAGGGGAAGTCG TGGTGGTCGCGAGGGAGCCGAAAGAGGTGGTTACCAGATCTGCACGGGCTAAGGCCAGC ATCCAAGCCGCTCGGCTGAAAGTTCGGGCAAAAGAGTTTTGCTGCTAATGGGATTCAA GCGCATCCAGAAAGTAGTACTGGATCTGATGCCGAACACTGCTGAATCACAGACCACT GGAAGCAAAGTTAATCCCTAGAACTCCTAAAGCTAGAAAGAGGAAGAGCAGAACTACA GGCTCACTACCAAGGGGACTGAACCATCTACGGATGGAGAGACCTCTGAGGCAGAGTCA AATTATTCTGTGCTGAGCACCATGATACCATTTAAGGGTAACTAGGAGAAGGCAGATC TTAATTGCATGCTCCCCAGTGTCCAGTGTAGGAAAAAGCCGAAAGTAACTCCAACAAAG GAGTCTTACACTGAAGAAATAGTGTCTGAAGCAGAATCTCATGTTTCAGGTATTTCTAGA ATTGTGCTTCTACAGAAAAACTACAGGAGCCAGAAGAAGTAAGGCTAAATCTCTGACA GATCCAAGCCAAGAATCTCATA CAGAAGCTATATCTGATGCTGAGACATCAAGCTCAGAC ATTTTCATTCTCTGGAATTGCAACTAGAAGAACCAGGAGTATGCAGAGGAAATTAAGGCA CAAACTGAAAAGAAAGATAGTAAGATTGTACCAGGAAATGAGAAACAGATCGTGGGTACA CCTGTGAATTCAGAGATT CAGATACCCAGACA ACTTNCATTTACAGNNNCAGATCTCT TTCTGAGATAATAAGCCAAATTTCTATAATAATGACTTTGATGATGATTTCTCCACAGA N</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_014597 unedited CGCGGCCCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAGTTTTCC AAACGTCTTTAATAAGTAAATAAAGGAGCAATGAAAATGTTGCAGTTTGCTTGTAAT CTTAATTGCGAAATTTCTTCTTTTCGGAACCTTTTTCTGCTGCAATTTGCTGCTTTTT CAGCCATGATCTCTGAGTACTTCCTTCGGTTGTATCTTCTGAATTCAAAAACAGCCAGCA GTTCTTCCACAATAGTCTTTTCTTTGCTTCTTGGGAATTCGTGAATGGTAAAAATCAG CTGGATTGTCAACAATGGTTCCAATCTGGAAGTACTTGGGGAAGCCATCTCTATCATTTT TCTTGGAAAACTTTTCGGGTCCATGCTGGCTCTCATCTTCAGTGCTTTGAGATCATTTT TCAGTTCAATTTGTCATTTCTGGAGCTTTCATACCAACCAGCCATCCCCTGCTGTTTTT GTCGTTCTTTTCTGCGTTTTTTCTGAAGTTGATACTTTGATTCACTATATGGGGGAACAC AGTGGTTTTTTTCAAAATCAGGTGTAATGACGGCTTTCGCAGAAGCTCATTTTTCTTTT TCTCCTTGATCTGAGTTAGGGTCTCTTGTAGACTGTAGTTTATCTGCCTTAAAAATTA TATAACAACCACCAACTGCTTGATACTCANACCAGGGTCTATGCTGCTGCTTGTCAACT TCAGAAGTTTAGCCTTTGTGCTATTTAGGAAGTCTTCTCATCACTAAACTCATCTTCAT TTTCTGTCATGGCCTGATGAATCTTCTCACTTTTTTTCATCCCTCTTCTTCTTTTCT TCCTCAATGGCAACCTCACTTGCCTTTGTCTTCTCTTCCAAGTAAAAATTTATCAGCA CTCATTCCAGNAGGTGTGTTAATTACAACAATGCATTGTCACATGACACGACTTCTCGG GGTCTCCACTCTAAG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_014597
Insert Size:	2530 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:	NM_014597.3 , NP_055412.2
RefSeq Size:	2382 bp
RefSeq ORF:	2271 bp
Locus ID:	30836
UniProt ID:	Q5QJE6
Cytogenetics:	1p22.1
Protein Families:	Druggable Genome
Gene Summary:	This gene is thought to be involved in chromatin remodeling and gene transcription. The encoded nuclear protein binds to and enhances the transcriptional activity of the estrogen receptor alpha, and also interacts with terminal deoxynucleotidyltransferase. The expression profile of this gene is a potential biomarker for chronic obstructive pulmonary disease. [provided by RefSeq, Dec 2010]