

Product datasheet for **SC124716**

TRA16 (NR2C2AP) (NM_176880) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRA16 (NR2C2AP) (NM_176880) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRA16
Synonyms:	TRA16
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_176880, the custom clone sequence may differ by one or more nucleotides

ATGACCCACTCTTTGGTTTGTCCAGAGACAGTGAGCAGGGTGAGTTCAGTGCTGAATCGCAACACTCGGC
 AGTTTGAAAAAACATCTTTTCGACCAGGATGAGGAGACATGTTGAACTCAGACCAGGGCCCCCTCCA
 GTGGGTGACGCTGGAGTTTCCCCAGCTCATCCGTGTCTCCAGCTGCAGATCCAGTTTCAGGGTGGCTTC
 TCCAGTCGCCGGGGCTGCCTGGAAGGTTACAGGGCACTCAGGCTCTCCACAAGATTGTAGATTTCTACC
 CTGAGGACAACAACCTCGCTTCAGACTTTCCCCATACCAGCTGCTGAAGTGGACCGCTGAAGGTGACGTT
 TGAGGATGCCACTGACTTTTTTGCCGTGTGGTCATCTACCACCTGCGGGTGCTTGGGGAGAAGGTGTGA


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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_176880 unedited <pre> ACTATAGGCGGCCGGAATTCGGCACGAGGCCACCGCCCCGAACCCGCGGGAAATTGTT CCTGTGAAAGCCTGGCCTCCGGGCATTGGCGGTTTCCCTGATCCTCTCTCCAAATTTTC CGGCAGGGGATTGATCGAGGCGACATTTAAGACTGGGGTGGGCGAGGGAGTGCGGTTCT CGTCCCAAGTTACAGGTGAGGACGTTTCAAGCCAAGGCGTAGCCAAGATCGCGCCGCCCTG TAGCTTGAGGAGGCGCCGGGATTGCAACCAAGGCTGTGCCCAATCCTAAGCCCTGCGAGG TCTTGTGGAACCGACATGACCCACTCTTTGGTTTGTCCAGAGACAGTGAGNCAGGGTGAG TTCAGTGCTGAATCGCAACACTCGGCAGTTTGGAAAAAACATCTTTTCGACAGGATGA GGAGACATGTTGGAACCTCAGACCAGTTTACAGGGCACTCAGGCTCTCCACAAGATTGTA GATTTCTACCCTGAGGACAACAACCTCGCTTCAGACTTTCCCATACAGCTGCTGAAGTG GACCGCTGAGGGTGACGTTTGAGGATCCACTGCTTTTTTGGCCCGTGTCGATCTACCAC TGCGGTGCTGGGAGAAAAAGGTGTGAACCTTGGGGGGCTGTCTCTCCAGGAAGCCCTCCG GAGCCAGCANAGTCTCTTTGACAGAAGTGTATTGGTCTCTGGGAAAAAGGGCCCT CCCACCACTGGCAGAGCTGCTTGNNAACAANTTTNGGGGTTTCCCACTCTGCTGACCTT TTTGTCCCTTGGGGGTTGAGCCCCGCGAGCGCTCACTTATGGGTCAACGCACCAAGTGT TTTGAACTCGGGAGAGGGGGGTTCTCACACCTGTGCCTGAAGAGGAGGAAAAAGGGGG CTGA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_176880
Insert Size:	1300 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:	<u>NM_176880.4</u> , <u>NP_795361.1</u>
RefSeq Size:	1316 bp
RefSeq ORF:	420 bp
Locus ID:	126382
UniProt ID:	<u>Q86WQ0</u>
Cytogenetics:	19p13.11
Protein Families:	Druggable Genome

Gene Summary:

May act as a repressor of NR2C2-mediated transactivation by suppressing the binding between NR2C2/TR4 and the TR4-response element in target genes.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) uses alternate splice sites in the 3' terminal exon, resulting in a novel 3' coding region and 3' UTR. It encodes isoform 2, which has a shorter and distinct C-terminus, compared to isoform 1.