

## Product datasheet for **SC324641**

### TRA2A (NM\_013293) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TRA2A (NM_013293) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRA2A
Synonyms:	AWMS1; HSU53209
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_013293.3  
 GTGGAGTGGAGCGGCTGTGGTTGCCGACTCTTTCCTCTTCCCCACGGTCCAGTCAGCGGG  
 TTAATTAGGCCATCGGCCCTCGAGCCGAGACTTGTCTCTTATTTAGTTCTGGGGAGCGCC  
 TCGTTCGACATGAGTGATGTGGAGAAAACAACCTCGAGGGCAGAGAGTCTCGCTCTCAGT  
 CAAAATCTCCAACGGGAACTCCTGCTCGTGTAAAATCGGAGAGCAGGTCAGGATCTCGTA  
 GTCCATCAAGGGTTTCCAAACTCTGAATCCCATTCTCGATCAAGATCAAAATCCAGGT  
 CGAGGTCAAGGAGACATTCTCATAGACGTTACTCGATCCAGATCCCACTCTCACTCTC  
 ATAGGAGACGATCTCGAAGTAGATCATATACACCAGAATACCGGGCGGAAGGAGCCGAA  
 GCCATTCTCCAATGTCTAACCGGAGAAGACATACTGGCAGCAGGGCAAATCCAGATCCCA  
 ACCTTGCCTTGGAGTGTGGCCTCAGTTGTACACAACAGAGAGGGATCTTCGTGAAG  
 TATTTTCTCGATATGGACCATTGAGTGGTGTCAATGTGGTTTATGATCAGCGAACTGGGC  
 GATCTCGAGGATTTGCTTTTGTGATTTTGTGAGAGAATAGATGACTCAAAGGAGGCTATGG  
 AAAGGGCAAATGGAATGGAGCTGGATGGTGAAGAATTCGGGTGGATTATTCTATAACCA  
 AGAGAGCGCACACCAACACCAGGCATCTACATGGGCAGACCAACTCATAGTGGTGGGG  
 GTGGTGGAGGAGCGCGCGGTGGAGGTGGAGGTGGTGGCAGACGTCGAGATCTTACT  
 ATGATAGAGGATATGATCGTGGGTATGACAGATATGAAGACTATGATTACCGATACAGAA  
 GACGATCACCTTCTCCTTATTATAGTCGATATAGATCACGATCAAGATCTCGTTCCTACA  
 GCCCAAGACGCTATTGATAACGGAATGGTTGCAATTAAGGACATTTTTTTTCTCTTTTT  
 TTTTTTTTTTTTTAATTCTGAGATTTCCCAAGCTGTGGATTCTCCTACTCCTAAGA  
 AAAAAACTTTGGTTTATTAGCATCTACACTTTTGTGAGTTGTGTTGCTGTTTTCCACCC  
 ATTTTATTATACTCTTAAAGATGTAATTGTTGTCATTTTGAACAGTTAAACATCTTGAG  
 TATAAAAAGAACCCCAATGTTATGTTATGCTTTGTAATTTTTTTTTTGTCTTTACCTAG  
 ATAAACTTCTAGCTAATCAAATAAGGAAAGAACTGTCTTTTTAAAGCTTCTTTTGTGTT  
 AGATACTGTATTAGAGATCTGCATTTATCATGAGTTCTTTTTTTTTTAACTTTATTTT  
 TGGGAAAGTAACACATGAAGTAGTTCAGTCATGTCAGGTTTGTCTGGGTGGAATGGAAC  
 AGTCAGGTAGTTGAAAGTTTTTTTTTAGAGATGAAAAGCTTGTGAACTCCTGTAACAT  
 GCTGTATTTGAAATACATCTGTTAAAACCTAAAAA



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_013293
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<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>
<b>RefSeq:</b>	<a href="#">NM_013293.3</a> , <a href="#">NP_037425.1</a>
<b>RefSeq Size:</b>	1852 bp
<b>RefSeq ORF:</b>	849 bp
<b>Locus ID:</b>	29896
<b>UniProt ID:</b>	<a href="#">Q13595</a>
<b>Cytogenetics:</b>	7p15.3
<b>Domains:</b>	RRM
<b>Protein Pathways:</b>	Spliceosome
<b>Gene Summary:</b>	This gene is a member of the transformer 2 homolog family and encodes a protein with several RRM (RNA recognition motif) domains. This phosphorylated nuclear protein binds to specific RNA sequences and plays a role in the regulation of pre-mRNA splicing. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2013] Transcript Variant: This variant (1) encodes the longest isoform (1).