

Product datasheet for **SC115304**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_013293, the custom clone sequence may differ by one or more nucleotides

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ATGAGTGATGTGGAGGAAAACAACCTTCGAGGGCAGAGAGTCTCGCTCTCAGTCAAATCTCCAACGGGAA
CTCCTGCTCGTGTAAAATCGGAGAGCAGGTGAGGATCTCGTAGTCCATCAAGGGTTTCCAAACACTCTGA
ATCCCATTCTCGATCAAGATCAAATCCAGGTCGAGGTCAAGGAGACATTCTCATAGACGTTACACTCGA
TCCAGATCCCCTCTCACTCTCATAGGAGACGATCTCGAAGTAGATCATATACACCAGAATACCGGCGGC
GAAGGAGCCGAAGCCATTCTCCAATGTCTAACCGGAGAAGACATACTGGCAGCAGGGCAAATCCAGATCC
CAACACTTGCCTTGGAGTGTGGCCTCAGTTTGTACACAACAGAGAGGGATCTTCGTGAAGTATTTTCT
CGATATGGACCATTGAGTGGTGTCAATGTGGTTTATGATCAGCGAACTGGGCGATCTCGAGGATTTGCTT
TTGTGTATTTGAGAGAATAGATGACTCAAAGGAGGCTATGGAAAGGGCAAATGGAATGGAGCTGGATGG
TAGAAGAATTCGGGTGGATTATTCTATAACCAAGAGAGCGCACACCAACACCAGGCATCTACATGGGC
AGACCAACTCATAGTGGTGGGGTGGTGGAGGAGGCGGCGGCGGTGGAGGTGGAGGTGGTGGCAGACGTC
GAGATTCTACTATGATAGAGGATATGATCGTGGGTATGACAGATATGAAGACTATGATTACCGATACAG
AAGACGATCACCTTCTCCTTATTATAGTCGATATAGATCACGATCAAGATCTCGTTCCTACAGCCCAAGA
CGCTATTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_013293 unedited
 TTGTAACACGACTTACTATAGGGCGGCCGCAATTTCGCACGAGGGTAGAAAGCAAGAGT
 GAAGTAGAATTAAGAATCTGGAAGAATGAATGGGTCTAGGTTAAGTAAATGTATGGT
 TTATGTTCCAGTGTCTGTATGATCAAGTTGTAGATGAATTTGCATGATTACTTAGTTAAT
 AGAGAATTGGTGATCTGGTTCAAGTAGGGAATTTGAGGACAGTTAGCAGTATTAACAG
 TGGGTTATTATTGAGCTGAAATTTTTCTGGAGGGTGTGTCTAACCATTTGTTTTTCAG
 GAGCAATCAATATAAATAATTACGGTACTTTAAATGTTAGGTGTTAGGCATCTACATGAC
 CAGTGCCATTTGTAATACTGTCTCTTTGTTAGGAGTCTCGCTCTCAGTCAAATCTCCA
 ACGGGAACCTCTGCTCGTGTAAAATCGGAGAGCAGGTCAGGATCTCGTAGTCCATCAAGG
 GTTCCAAACACTCTGAATCCCATTCTCGATCAAGATCAAATCCAGGTCGAGGTCAGG
 AGACATTCTCATAGACGTTACACTCGATCCAGATCCCCTCTCACTCTCATAGGAGACGA
 TCTCGAAGTAGATCATATACACCAGAATACCGCGGCCAAGGAGCCGAAGCCATTCTCCA
 ATGTCTAACCGGAGAAGACATACTGGCAGCAGGGCAAATCCAGATCCCAACACTTGCCCT
 GGAGTGTGGCCTCAGTTGTACACAACAGAGGGGATCTTCGTGAAGTATTTTCTCGA
 TATGGACCATTGAGTGGGTGTCATGTGGTTTATGATCAGCGAACTGGGCGATCTCGAGGA
 TTTGCTTTTGTGATTTTGTAGAGATAGATGACTCANAGGAGGCTTGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_013293 unedited
 TAGTCGAGTTTTTTTTTTTTTTTTTAAAGAAATAGCTTTTTTTGAGACTACTTTTCCCC
 ACATGTATCTTTAAGAATCTATGCTATGTGATAACCTGCTTATCCACTGTCCCAATAC
 CAAAATTTCTAACAGCGAATTATACAACCTGCTCTAGGTAATAAATAAGGGTTGCCTTCA
 CTGATTAAGGGAATAAACTTCAATAAACTTAACAACAACAAAAAATCACACTTGTAGTT
 TTTAAGTTTTAACAGATGATTTCAAATACAGCATGTTTTACAGGAGTTCACAAGCTTTT
 CATCTCTAAAAAAAACCTTCAACTACCTGACTGTTCCATTCCACCCAGACAAAACCTGA
 CATGACTGAACTACTTCAATGTGTTACTTTCCAAAAATAAAGTTAAAAAAGGAAC
 TCATGATAAATGCAGATCTAATACAGTATCTAACACAAAAGAAGCTTTAAAAAGACAG
 TTTCTTTCCTTATTTGATTAGCTAGAAGTCTATCTAGGTAAAAGCCAAAAAATTTA
 CCAAGCATAACATAACATTGGGGTCTTTTTATACTCAAGATGTTAACCTGTCAAATGA
 CAACATTACCTCTTTTAGAATATAATAAATGGGTGAAAAACCCACCCACCTGACAAAGTT
 GTAATGCTAACAAACCAAGTTTTTTTCTAGGGACTCGAAGAATCCACCGCTGGGGAAT
 TCTGATTACACAACACACTTACCGGAGGACAAAATTGTCTTAATTGCACCTTTCCC
 ATACAATACCCGCTTGGGGTTGTAGAAAACAATCTTTCCGACTTCATCCCTTTAAATA
 CGAAACGGGCCCCCGGTTCCGAAAAACAAGCTTAAATCCGTCCCCCAACAACAATTCTT
 TTCAATTAATAATTTGATTTGGCACCATTACCCCGCGGGTGTTCCTCCACCCCAT
 ATAATGTCGCCATTATACCGGCGGGGCTCCTCGTATAAATACCCTAATTTACC
 CCTTCTCTCCTTTAATT

Restriction Sites:

NotI-NotI

ACCN:

NM_013293

Insert Size:

2050 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_013293.2](#), [NP_037425.1](#)

RefSeq Size: 1866 bp

RefSeq ORF: 1866 bp

Locus ID: 29896

UniProt ID: [Q13595](#)

Cytogenetics: 7p15.3

Domains: RRM

Protein Pathways: Spliceosome

Gene Summary: 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).