

Product datasheet for **SC334216**

TRA2A (NM_001282759) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRA2A (NM_001282759) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRA2A
Synonyms:	AWMS1; HSU53209
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001282759, the custom clone sequence may differ by one or more nucleotides

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ATGTCTAACCGGAGAAGACATACTGGCAGCAGGGCAAATCCAGATCCCAACACTTGCCTTGGAGTGTGTTG
GCCTCAGTTTGTACACAACAGAGAGGGATCTTCGTGAAGTATTTTCTCGATATGGACCATTGAGTGGTGT
CAATGTGGTTTATGATCAGCGAACTGGGCGATCTCGAGGATTTGCTTTTGTATTTTGAGAGAATAGAT
GACTCAAAGGAGGCTATGGAAAGGGCAAATGGAATGGAGCTGGATGGTAGAAGAATTCGGGTGGATTATT
CTATAACCAAGAGAGCGCACACCAACACCAGGCATCTACATGGGCAGACCAACTCATAGTGGTGGGGG
TGGTGGAGGAGGCGGCGGCGGTGGAGGTGGAGGTGGTGGCAGACGTCGAGATTCTACTATGATAGAGGA
TATGATCGTGGGTATGACAGATATGAAGACTATGATTACCGATACAGACGATCACCTTCTCCTTATTATA
GTCGATATAGATCAGATCAAGATCTCGTTCCTACAGCCCAAGACGCTATTGA
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001282759
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).



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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_001282759.1](#), [NP_001269688.1](#)

RefSeq Size: 2254 bp

RefSeq ORF: 543 bp

Locus ID: 29896

UniProt ID: [Q13595](#)

Cytogenetics: 7p15.3

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 (4) contains two additional exons in the 5' region and uses an alternate in-frame acceptor splice site in the 3' coding region compared to variant 1. The former difference results in translation initiation from an in-frame downstream start codon, and an isoform (3) with a shorter N-terminus compared to isoform 1.