

Product datasheet for **SC108518**

TRA2B (NM_004593) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRA2B (NM_004593) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRA2B
Synonyms:	Htra2-beta; PPP1R156; SFRS10; SRFS10; TRA2-BETA; TRAN2B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108518 sequence for NM_004593 edited (data generated by NextGen Sequencing)

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ATGAGCGACAGCGGCGAGCAGAAGTACGCGAGCGGGAATCCCCTGCTTCCAGAAGT
GGAAGTGCTCACGGATCGGGAAATCTGCAAGGCATACCCCTGCAAGGTCTCGCTCCAAG
GAAGATCCAGGCGTTCCAGATCAAAGTCCAGGTCCCGATCTGAATCTAGGTCTAGATCC
AGAAGAAGCTCCCGAAGGCATTATACCCGGTACGGTCTCGTCCCGCTCCCATAGACGA
TCACGTAGCAGGTCTTACAGTCGAGATTATCGTAGACGGCACAGCCACAGCCATTCTCC
ATGTCTACTCGCAGGCGTCATGTTGGGAATCGGGCAAATCCTGATCCTAACTGTTGTCTT
GGAGTATTTGGGCTGAGCTTGTACACCACAGAAAGAGATCTAAGAGAAGTGTCTCTAAA
TATGGTCCCATTGCCGATGTGTCTATTGTATATGACCAGCAGTCTAGGCGTTCAAGAGGA
TTTGCCTTTGTATATTTTAAAAATGTAGATGATGCCAAGGAAGCTAAAGAACGTGCCAAT
GGAATGGAGCTTGATGGGCGTAGGATCAGAGTTGATTTCTCTATAACAAAAGACCACAT
ACGCCAACACCAGGAATTTACATGGGGAGACCTACCTATGGCAGCTCTCGCCGTCGGGAT
TACTATGACAGAGGATATGATCGGGCTATGATGATCGGGACTACTATAGCAGATCATAC
AGAGGAGGAGGTGGAGGAGGAGGAGGATGGAGAGCTGCCAAGACAGGGATCAGATTTAT
AGAAGGCGGTCACCTTCTCCTTACTATAGTCGTGGAGGATACAGATCACGTTCCAGATCT
CGATCATACTACCTCGTCGCTATTAA
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Clone variation with respect to NM_004593.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_004593 unedited
 NGTAACGGTCAAATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGTCGG
 CTCTGAGCGGCTGGGCGACCGGCGCGTCTGCGGGGCTGCGGCGGAGCCTCCTTAAGGAA
 GGTGCAAGAGGTTGGCAGCTTCGATTGAAGCACATCGACCGGCGACAGCAGCCAGGATC
 ATGAGCGACAGCGGCGAGCAGAACTACGGCGAGCGGGAATCCCCTTCTGCTTCCAGAAGT
 GGAAGTGTCTCACGGATCGGGAAATCTGCAAGGCATACCCCTGCAAGGTCTCGCTCCAAG
 GAAGATCCAGGCTCCAGATCAAAGTCCAGGTCCCGATCTGAATCTAGGTCTAGATCC
 AGAAGAAGCTCCCGAAGGCATTATACCCGGTACGGTCTCGCTCCCGCTCCCATAGACGA
 TCACGTAGCAGGTCTTACAGTCGAGATTATCGTAGACGGCACAGCCACAGCCATTCTCCC
 ATGTCTACTCGCAGGCGTCATGTTGGGAATCGGGCAAATCCTGATCCTAACTGTTGTCTT
 GGAGTATTTGGGCTGAGCTTGTACACCACAGAAAGAGATCTAAGAGAAGTGTCTCTAAA
 TATGGTCCCATTGCCGATGTGTCTATTGTATATGACCAGCAGTCTAGGCGTTCAAGAGGA
 TTTGCCTTTGTATATTTTAAAAATGTAGATGATGCCAAGGAAGCTAAAGAACGTGCCAAT
 GGAATGGAGCTTGATGGGCGTAGGATCAGAGTTGATTTCTCTATACANANAGACCACATA
 CGCCAACACCAGGAATTTACATGGGGAGACCTACCTATGGCAGCTCTCGCCGTGGGATT
 ACTATGACAGAGGATATGATCGGGGCTATGATGATCGGGACTACTATAGCAGATCAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_004593 unedited
 NGGTTTGACTTTGNACCGCGNCCGCATNCTANGATCGAGTTTTTTTTTTTTTTTTTTTCT
 TTAATTTGCGTTTATTTAAACCAGTTCTCAAACATTTGAGTCAAATGGGCTCCTTTGG
 TAAGCAAAGGACCTGAAAATATATTTAAAAAATGAACAGGCAAAGTCTTCAGTTCATCCA
 TGACAGGTATAGTGTCCCTTATCATGTACTTTGAAGCACCCGGTTTTTTCATATAGTCT
 AAAAGCTAGAAGAACAAGAGTGTATTTGTTGGTGAATGTATTGTCACTTGCTGATAACTA
 GTTGAAATACCATTATCCCTTGTAAACCTTTAAGAAACAGCCTTTTAAGGCATACACT
 GTGTAACCTCTTCGTATTTCTGTATACATATTACAGATTACATAAAAAGCCGACAATCC
 ACATTGATATAAGCATTAAAGCACTGGCTGTATTTAAGATTTTTAGTTCTAATACTAGCA
 GTACAGAGTTACAGAGCATAATTTTAAACACTTAGTTGCAGGTATATAAGTATGGTATGT
 TTCATGGACTGGAGGAAAACGGGCATTTGTCTTTAAATTTACTACTGACAATCTGAATAG
 TTCTGCTAAGCATTGATATGTTAGAAAAGAAAAGTAAAAATCAAACCTGTTTATTGTTGCTT
 TTTGCCATTTGGTAGCATTTTACACNAGGCTTCGATCTTCAGAATACCCCTGGATTGAGTA
 GAAAAACCTTTTAAATGAAGTTTTGTACAATAGAACTTTTCAGCAGTCAAATTTAGAC
 TGTAAAAAATACATGCAAAACATACTTTTCTGGAAACCTTAACTTGAACAAAGCACC
 CAACTACACAAATGCGAAATGAAACAGCATTCTACTCCACCAAAGTAGTCATCGTTAAGG
 GTGTGAAAG

Restriction Sites:

NotI-NotI

ACCN:

NM_004593

Insert Size:

2000 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_004593.1 , NP_004584.1
RefSeq Size:	1972 bp
RefSeq ORF:	867 bp
Locus ID:	6434
UniProt ID:	P62995
Cytogenetics:	3q27.2
Domains:	RRM
Protein Families:	Druggable Genome
Protein Pathways:	Spliceosome
Gene Summary:	<p>This gene encodes a nuclear protein which functions as sequence-specific serine/arginine splicing factor which plays a role in mRNA processing, splicing patterns, and gene expression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>