

Product datasheet for **SC306858**

TRIML2 (NM_173553) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIML2 (NM_173553) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIML2
Synonyms:	SPRYD6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306858 representing NM_173553. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCCAAAAGGCTCAGCCCTCAGTTACAGCACAAACATCACAGAAGATGCCTATTGTGAAACACACCTG
GAACCAACACGGCTGTTCTGTGATGTTGACCAAATCACACTCTGCAGCAAATGCTTCCAGTCCCAGGAG
CACAAACATCACATGGTGTGTGGGATACAAGAGGCTGCTGAGAATTACAGGAAGTTATCCAGGAAATA
TTGAACACATCGAGGGAGAACTTGAAGCAGCTAAAAGCATATTGACTGATGAGCAAGAAAGATGGCG
ATGATTCAGGAAGAGGAACAAAATTTAAAAAGATGATTGAGTCTGAGTATAGTATGAGACTCCGGTTG
TTGAATGAAGAGTGTGAGCAGAATCTCCAGAGACAGCAGGAATGCATATCTGACTTGAACCTGAGAGAA
ACCTTCTGAATCAAGCGATCAAGCTTGCCACCGAGCTAGAGGAGATGTTCCAGGAAATGCTACAGAGA
CTGGGCCGTGTGGGAGAGAGAACATGGAGAACTGAAGGAGAGTGAAGCCAGGGCTTCTGAACAGGTC
CGCAGCCTCCTAAAGCTCATCGTGGAGCTTGAGAAAAAGTGTGGGGAAGGCACCTTGGCATTGCTCAAG
AATGCAAATACTCTTTAGAAAGGAGCAAGTCACTGCTGCTTGAGCATCTGGAGCCCCTCATATCACA
GACCTGAGTTTATGCCACATAAGAGGACTCAGCAGCATGTTCCAGAGTACTCCAGAGACATTTAACATTG
GATCCTGAAACAGCTCATCCCTGCCTGGCACTATCTGAGGACCTGAGAACTATGAGATTGAGACATGGG
CAGCAGGATGGGCTGGCAACCCAGAAAGATTGGATTTCAAGTCCATGGTCTGGCTGCGGAGAGCTTC
ACCTCAGGAGGCACTACTGGGAGTGGACGTGGAAAAGGCAACCAGGTGGCAAGTGGCATATACCAC
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ATGGGGACCGAGTGGACTCTCTGGTCTTCCCCCTCTGAAAAGGCTCTTCTGAAAAAGAGTTGGAC
ACAGTTGGCGTTTTCTTACTGCGAACACGGGCAGATATCATTCTACAATGTGACCGAGATGTCCTC
ATTTACAATTTCTCCATTGCGCCTTCCAAGGAGCTCTCAGGCCTGTGTTTTCCCTCTGTATCCAAAT
GGAGACACAAGTCCAGACTCCCTCACCATCTTACAACATGGTCTTCTTGTGATGCTACTGTTAGCCCT
TAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	□
ACCN:	NM_173553
Insert Size:	1314 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).
OTI Annotation:	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.
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_173553.2
RefSeq Size:	1641 bp
RefSeq ORF:	1314 bp
Locus ID:	205860
UniProt ID:	Q8N7C3
Cytogenetics:	4q35.2
Protein Families:	Druggable Genome
MW:	49.9 kDa
Gene Summary:	<p>This gene encodes a member of the tri-partite motif (TRIM) family of proteins. This protein may be regulated by the tumor suppressor p53 and may regulate p53 through the enhancement of p53 SUMOylation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and lacks an alternate in-frame exon in the 5' coding region compared to variant 1. This results in isoform 2, which is shorter than isoform 1.</p>