

Product datasheet for SC112291

TRIR (NM_024038) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIR (NM_024038) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIR
Synonyms:	C19orf43; fSAP18; TERCIR
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112291 sequence for NM_024038 edited (data generated by NextGen Sequencing)

```

ATGGCTGCCCGAGGGAGACGGGCGGAGCCTCAGGGCCGGGAGGCTCCGGGCCCGCGGGC
GGTGGCGGTGGCGNNNNNNNTGGGCTGAGTCGGGATCGGGGACGTCGCCGAGAGCGGG
GACGAGGAGGTGTCGGGCGGGTTTCGAGCCGGTGTGGGCGGCGTGAACCTGTTTCGCC
AACGACGGCAGCTTCTGGAGCTGTTCAAGCGGAAGATGGAGGAGGAGCAGCGGCAGCGG
CAGGAGGAGCCGCCCGGGTCCGCAGCGACCCGACCAGTCGGCCGCCGCGCTGGCCCC
GGGGATCCGAAGAGGAAGGGCGGTCCGGGCTCCACACTTAGCTTCGTGGGCAAACGCAGA
GGCGGGAACAACTAGCCCTCAAGACGGGAATAGTAGCCAAGAAGCAGAAGACGGAGGAT
GAGGTATTAACAAGTAAAGGTGACGCGTGGCCAAGTACATGGCAGAAGTAAAAAGTAC
AAAGCTACCAGTGCGGTGACGATGATAAACTCGGCCCTGGTAAATGA

```

Clone variation with respect to NM_024038.2
74 g=>n;75 g=>n;76 a=>n;77 g=>n;78 c=>n;79 c=>n;80 g=>n;81 t=>n



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_024038 unedited</p> <pre> TTTTGGGATTTGTATACGATTTCCTATAGGGCGGCCGCGATTTCGGCACGAGGCGGCACCTG GCGACAAATGGCTGCCCGAGGGAGACGGGCGGAGCCTCAGGGCCGGGAGGCTCCGGGCC CGCGGGCGGTGGCGGTGGCGGGAGCCGTTGGGCTGAGTCGGGATCGGGGACGTCGCCCGA GAGCGGGACGAGGAGGTGTGGGCGCGGGTTCGAGCCCGGTGTCGGCGGCGTGAAGT GTTCCCAACGACGGCAGCTTCTGGAGCTGTTCAAGCGGAAGATGGAGGAGGACGAGCG GCAGCGCAGGAGGAGCCGCCCGGGTCCGAGCGACCCGACCAGTCGGCCGCCGCCGC TGGCCCCGGGATCCGAAGAGGAAGGGCGGTCCGGGCTCCACACTTAGCTTCGTGGGCAA ACGCAGAGGCGGGAACAACTAGCCCTCAAGACGGGAATAGTAGCCAAGAAGCAGAAGAC GGAGGATGAGGTATTAACAAGTAAAGGTGACGCGTGGGCCAAGTACATGGCAGAAGTGAA AAAGTACAAAGCTCACCAGTGCGGTGACGATGATAAACTCGGCCCTGGTGAAATGACG CCCCTCCCCACCTGCCATGGCCTGNGACTCTCTGCGATGTACATAACTATTTAATGCA GCGGCAGCGGCGACAGCCTTCCCTGAGAGGACTTANAAGCAGAAAGAAACCGAGATGCTT TCCGACGCGTGGACGATTCTCCAGGACTCTTTTTTTACCTTGAGCACTTGCCCTGTGAG ACTTCATAGAACAGTGGTTTACTGTCCCCCTCTCACCTCTCATCTCTCTGGCTCTTT CTGTCTTCTTTTTTACCCTCCTCCTCCCTTTACCATNACTTTTGGGAAGTAAGGAACT TGACTTTATGCCCGGAAAAAAN </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_024038 unedited</p> <pre> ACCGCGGCCCGCTATCTAGAGTCGAGTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTC GGCACTAAGTCAAATTTTTACTTCCAAAAGTGATGGCTAAGGGGAGGGAGGAGGGTGC AAAAAGGAAAACAGAAAGAGCCACAAAATGAGGAGGTGAAAAGGGGGGACCATCAAC CACTGGTTTTTTAAGTTTTACAAGCAAGGGCTTAAGGGAAAAAAAAGTCTGGAAAAT CGATACGGGTGGGGAAACATAAAGGATATCTTTTGGTTTTAAAAATCTCTAAAGGAAAG CTGATATCTCTGCCGCTGCTTAAATCCTTTTGTCCATCATCCCAACATCCCTCCCCCTC CGCCCGGTGGGTGGAGGGGCCCTCTTACTTACGGGCCACCCCTTATCCCCATGCC CTCTCTGGTGACCCTTCTCTTTTTTACTTATTATCTCGTCTTGGACCACCCCTCCCC TTCCTCGCCTATATCCTTGCTCCCTATCTTGCTTTTGTGCGTCATCTCCAACCCCTC CTCCAGGGCCATTAACCATCCACCCCTGTCCCCACCCCATCCCTCCCTCTAT CCATCCACCCTTCTCTCCCCCTCGGCTTCCCCCTATCTCTGCCCTTACTTTTCT CTTCCCAGCGTTTCCATTTCTTCCCCCACCTCTTTCCCTCTCTTTTTCTCTT TTTTTCCCTACCTCCCCCTTTCTCTGCGCATTCCCGTTTTTTTTCGTTCCCTCC CTGGTGTTCATTCTTCCCCGCTTCTCTTACTCCCTCCTTCTCTCGTCCCCCT TTTTCCCCCTTCCGCTTTTTTCTCCCCCCCCGCCCCCTGTCCCCGCCCCCTT TTCCTATTGGTCCCTATTTTCTCCCCCTACACTTTTTCTTTAGCCGCTCAACTCAT TTTTATACCGT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_024038
Insert Size:	1000 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_024038.2](#), [NP_076943.1](#)

RefSeq Size: 945 bp

RefSeq ORF: 531 bp

Locus ID: 79002

UniProt ID: [Q9BQ61](#)

Cytogenetics: 19p13.13

Gene Summary: Exoribonuclease that is part of the telomerase RNA 3' end processing complex and which has the ability to all four unpaired RNA nucleotides from 5' end or 3' end with higher efficiency for purine bases (PubMed:28322335).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longest protein (1).