

Product datasheet for **SC111341**

TSR1 (NM_018128) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSR1 (NM_018128) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSR1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_018128, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCCCCACGCCCCGGCCCCGCTCAAGCAGCAGAATAAAGCTCATAAAGGCGGACGGCATCGGGGTC
GGGGATCTGCACAGCGGGACGGCAAGGGCCGTCTGGCACTGAAAACCTAAGCAAGAAGGTGAGAAAAGA
ACTCAGCAGAGTCGACCAGAGGCATCGCGCCAGCCAGCTCCGAAAGCAGAAGAAGGAGCGGTTCTGGCA
GAGAAGAGACAGCTGGGTGGCAAGGATGGCCCTCCTCATCAGGTACTGGTGGTGCCCTGCACAGCAGAA
TTTCCCTGCCAGAGGCCATGCAGCTGCTTCAAGATAGGGACACTGGAACAGTACACTTGAATGAATTGGG
AAACACCCAGAATTTATGCTGCTGTGCCCCGCTTGAACATCGGTGGTTTTTCACCTCAGCAAGGCCA
GGGGATCTGCACGTTGTGTTAGACATGGCTAAAGTAGCTGATACCATCCTGTTCTCCTTGATCCACTAG
AAGGCTGGGACAGCACCGGTGATTACTGTCTTCTGCTCTTTGCTCAGGGCCTCCGACCTATACACT
AGCTGTCCAGGGGATTTCTGGCCTCCCACTGAAGAAACAATAGATACCAGGAAGAAGCTAAGTAAAGCA
GTGGAGAAGCGCTTCCGCATGACAACTCCTCTTGTTAGACACTCAACAGGAGGCAGGGATGCTGCTTA
GGCAGTTGGCTAACCAGAAGCAACAGCATCTTGCTTTTCGAGATCGGCGGCCTACCTATTTGCCATGC
TGTTGATTTTGTCTAGTGAAGAGAATAACTTGGTGGGCACCTTGAAAAATTCAGGCTATGTTCCAGGG
CAGACTCTGAATGTCAATAGGTTGCTGCATATCGTTGGATATGGTGATTTCCAGATGAAACAGATAGATG
CCCCCGGAGACCTTTCCCTTTAAATCCTAGAGGAATTAACCCCAAAAGGACCCAGACATGGCAATGGA
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AGGAGCTGAGCGAGGCAAGGATTTCTTGAAGGAAAGTTCTAAGGTGGTAAAGAAGGTCCCAAGGAAC
ATCCAGTTACCAAGCTGAATGGATTTTGGATGGTGGCAGCCAAAGTGGTGGGAAGGAGATGAATATGAA
TATGATGATATGGAACATGAGGATTTTATGGAGGAGGAATCTCAGGATGAGAGTAGTGAAGAAGAGGAAG
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CCCCGTGATGTGGCTGCTCGAATTCGATTTAGAAATACAGAGGCCTTAAGAGCTTCCGACATCTCCAT
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GAAAAGCATCTTTAAAGAGGTTGAAGAAAAGAGGTTGAAGGAGCTGAGGTTGGCTGGTATGTCACACTT
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TACTACCTCATGAACAGAAGATGTCAGTATTGAATATGGTGGTGAGGCGTGACCCTGGCAACACTGAACC
TGTGAAAGCCAAGGAAGAGCTCATATTTACTGTGGATTGAGGCGCTCCGAGCCTCACCTTTATTTCTCT
CAGCACACTGCAGCGGACAAACATAAATTGCAGAGATTCTGACTGCTGCATGGCCCTGGTGGCGACAG
TCTATGCGCCAATCACTTTTCTCCTGCATCTGTGCTGCTTTTCAAGCAAAAAGCAATGGAATGCACAG
CCTCATTGCTACAGGCCATCTTATGTCAGTAGATCCAGACAGAATGGTCATCAAGAGAGTTGTTCTGAGT
GGTCATCCTTTCAAAATTTTACTAAGATGGCAGTAGTACGTTACATGTTCTTCAACAGAGAGGATGTGC
TGTGGTTTAAACCAAGTGAAGTGAAGCAAGTGGGGCCGAGAGGACATATCAAGGAACCTTTAGGTAC
CCATGGCCACATGAAATGCAGCTTTGATGGGAAGCTAAATCTCAAGACACAGTACTGATGAACCTGTAT
AAACGAGTCTTCCCAATGGACTTATGATCCATATGTACCAGAACCAAGTACCCTGGCTGAAAAGTGAGA
TTTCTTCAACAGTGCCTCAAGGGGCATGGAGTAA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018128 unedited
 NNCCTGTCAAAATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGGTGGT
 GCCCTGCACAGCAGAATTTCCCTGCCAGAGGCCATGCAGCTGCTTCAAGATAGGGACAC
 TGGAAACGTACACTTGAATGAATTGGGAAACACCCAGAATTTATGCTGCTGTGCCCCG
 CTTGAAACATCGGTGGTTTTTACCTCAGCAAGGCCAGGGGATCTGCACGTTGTGTTAGA
 CATGGCTAAAGTAGCTGATACCATCCTGTTCTCTTCTGATCCACTAGAAGGCTGGGACAG
 CACCGGTGATTACTGTCTTTCTGCCTCTTTGCTCAGGGCCTTCCGACCTATACACTAGC
 TGTCCAGGGGATTTCTGGCCTCCCACTGAAGAAACAAATAGATACCAGGAAGAAGCTAAG
 TAAAGCAGTGGAGAAGCGCTTTCCGCATGACAACTCCTCTTGTTAGACACTCAACAGGA
 GGCAGGGATGCTGCTTAGGCAGTTGGCTAACAGAAAGCAACAGCATCTTGCTTTTCGAGA
 TCGGCGGGCTACCTATTTGCCCATGCTGTTGATTTTGTCTAGTGAAGAGAATAACTT
 GGTGGGCACCTTGAAATTTAGGCTATGTTGAGGGCAGACTCTGAATGTCAATAGGTT
 GCTGCATATCGTTGGATATGGTATTTCCAGATGAAACAGATAGATGCCCCGGAGACCC
 TTTCCCTTTAAATCCTAGAGGAATTAACCCCANAGGACCCAGACATGGNCATGGAGATT
 TGTGCTACGGATGCTGTAGATGATATGGAAGAAGGTCTTANAGTCCTAATGAAGGCAGAC
 CCTGTTAGACAGGAATNCTTTGCAGCAGAGGTTATNCCAGAACCAAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018128 unedited
 GGGGGGGGGGGGNGNCCAAGANNAAAAACAAACCGGCCCTTGTGGCTTTTAAGTAATCCA
 CTANCTCCCTTTCACTATTCTACTCCCTTCTATCAACAGTGTGCAACCCAGCTGGT
 GTGGGAGAGGATGAACTACTCATTGAACCTACAGCTGGTGTGGAGTGGCTGCTGTGCT
 GTCTCAACATTTTCAAACTGTTTCCCCAGAAGTAAAGAACATTTGTATTGTGCTCAGTGG
 TGGAAATGTAGACTTAACCTCCTCCATAACTTGGGTGAAGCAGGCTGAAAGGCCAGCTTC
 TTATCAGTCTGTTTCTGTTTAATTTACAGAAAAGGAAATGGTGGGAATTCAGTGTCTTTA
 GATACTGAAGACATTTTGTTCCTAGTATTGTCAACTCTTAGTTATCAGATTCTTAATGG
 AGAGTGGCTATTTCAATTAAGATTTAATAGTTTTTTTGGACTAAGTAGTGAAAACTTT
 TATACTTAACTGAGACATTTTGTCAAGGCTAAAAAAAGTCTTGCAAAATGGGGCAGTGG
 ACTGACAGGCTGACATAGAAAATAAACTTTGCCAATCACAACCTGTGCCTCCCATCCCT
 GGAGTACTGACTGGCACCAGTAAGACAGAATCTCTTGAATCCATTACTCCATGCCCCCT
 TGAGGCACTGTTGAAGAAATCTCACTTTTCAGCCAGGGTACTGGTCTGTTACATATGGA
 TCATAAGTTTCATTTGGGGAAGACTCGTTTTACAGGTTTCATCAGTACTGTGTCTTGAGATT
 TTACTTCCCATCAAAGCTGCATTTTCATGTGGCCATGGGTACCTAAAAGTTCCTTGATTTG
 TTCTTTTCGGCCCCCATTTCTGTCTAGTTCCTACTGTTTTAACCCACCCCATCTTTGT
 TG

Restriction Sites:

NotI-NotI

ACCN:

NM_018128

Insert Size:

2880 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:	<u>NM_018128.3, NP_060598.2</u>
RefSeq Size:	4890 bp
RefSeq ORF:	4890 bp
Locus ID:	55720
UniProt ID:	<u>Q2NL82</u>
Cytogenetics:	17p13.3
Domains:	DUF663
Gene Summary:	Required during maturation of the 40S ribosomal subunit in the nucleolus.[UniProtKB/Swiss-Prot Function]