

Product datasheet for SC303294

TSPYL1 (NM 003309) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: TSPYL1 (NM_003309) Human Untagged Clone

Tag:Tag FreeSymbol:TSPYL1Synonyms:TSPYL

Mammalian Cell

Neomycin

Vector:

Selection:

pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >SC303294 representing NM_003309.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

ATGAGCGGCCTGGATGGGGTCAAGAGGACCACTCCCCTCCAAACCCACAGCATCATTATTTCTGACCAA GTCCCGAGCGACCAGGACGCACACCAGTACCTGAGGCTCCGCGACCAAAGCGAGGCGACACAGGTGATG GCGGAGCCGGGTGAGGGAGGCTCGGAGACCGTCGCGCCTCCACCGCCTTCAGAGGAGGGGGGGC GTACCCCAGGATGCCGCGGGCCGTGGCGGTACTCCCCAGATCCGAGTTGTTGGGGGGTCGCGGTCATGTG GCGATCAAAGCCGGGCAGGAAGAGGGCCAGCCTCCCGCCGAAGGCCTGGCAGCCGCTTCTGTGGTGATG GCAGCCGACCGCAGCCTGAAAAAGGGCGTTCAGGGTGGAGAAGGCCCTAGAAATCTGTGGCGCCCAG GAGGTAATGGAGGAGCAGATGGAGGTAGAGGAGCAGCCGCCAGAAGGTGAAGAAATAGAAGTGGCGGAG GAGGATAGATTGGAGGAGGAGGCGAGGGAGGAAGAAGGGCCCTGGCCTTTGCATGAGGCTCTCCGCATG GACCCTCTGGAGGCCATCCAGCTGGAACTGGACACTGTGAATGCTCAGGCCGACAGGGCCTTCCAACAG CTGGAGCACAAGTTTGGGCGGATGCGTCGACACTACCTGGAGCGGAGGAACTACATCATTCAGAATATC CCGGGCTTCTGGATGACTGCTTTTCGAAACCACCCCCAGTTGTCCGCCATGATTAGGGGCCAAGATGCA GAGATGTTAAGGTACATAACCAATTTAGAGGTGAAGGAACTCAGACACCCTAGAACCGGTTGCAAGTTC AAGTTCTTCTTTAGAAGAAACCCCTACTTCAGAAACAAGCTGATTGTCAAGGAATATGAGGTAAGATCC TCCGGCCGAGTGGTGTCTCTTTCTACTCCAATTATATGGCGCAGGGGGCATGAACCCCAGTCCTTCATT CGCAGAAACCAAGACCTCATCTGCAGCTTCTTCACTTGGTTTTCAGACCACAGCCTTCCAGAGTCCGAC AAAATTGCTGAGATTATTAAAGAGGATCTGTGGCCAAATCCACTGCAATACTACCTGTTGCGTGAAGGA GTCCGTAGAGCCCGACGTCGCCCGCTAAGGGAGCCTGTAGAGATCCCCAGGCCCTTTGGGTTCCAGTCT **GGTTAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC



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TSPYL1 (NM_003309) Human Untagged Clone - SC303294

Restriction Sites: Sgfl-Mlul
ACCN: NM_003309
Insert Size: 1317 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts

of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at customercom or by

calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u>

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: 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with

0.22um filter is required.

RefSeq: <u>NM 003309.1</u>

 RefSeq Size:
 5259 bp

 RefSeq ORF:
 1317 bp

 Locus ID:
 7259

 UniProt ID:
 Q9H0U9

 Cytogenetics:
 6q22.1

 MW:
 49.3 kDa





Gene Summary:

The protein encoded by this gene is found in the nucleolus and is similar to that of a family of genes on the Y-chromosome. This gene is intronless. Defects in this gene are a cause of sudden infant death with dysgenesis of the testes syndrome (SIDDT). [provided by RefSeq, Dec 2009]