

## Product datasheet for SC127622

### TSPYL4 (NM\_021648) Human Untagged Clone

#### Product data:

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                               |
| Product Name:             | TSPYL4 (NM_021648) Human Untagged Clone                                                           |
| Tag:                      | Tag Free                                                                                          |
| Symbol:                   | TSPYL4                                                                                            |
| Synonyms:                 | dJ486I3.2                                                                                         |
| Mammalian Cell Selection: | None                                                                                              |
| Vector:                   | <u>pCMV6-XL4</u>                                                                                  |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                            |
| Fully Sequenced ORF:      | >OriGene ORF within SC127622 sequence for NM_021648 edited (data generated by NextGen Sequencing) |

ATGAGCGCCTGGATGGGGCAACAAGCTCCCTCTCGCCAAACCGGCGCCTGGCTGCT  
 CCCGACCATGCCCTCAGGAGATCCGGACCTAGACCAGTGCCAAGGGCTCCGTGAAGAAACC  
 GAGGCGACACAGGTGATGGCGAACACAGGTGGGGCAGCCTGGAGACCGTTGCGGAGGGG  
 GGTGCATCCCAGGATCCTGTCGACTGTGGCCCCGCGCTCCGCGTCCCAGTTGCCGGGAGT  
 CGCGGCGGTGCAGCGACCAAGCCGGGCAGGAGGATGCTCCACCTTCTACGAAAGGTCTG  
 GAAGCAGCCTCTGCCGCCGAGGCTGCTGACAGCAGCCAGAAAAATGGCTGTCAGCTTGA  
 GAGCCCCGTGGCCTGCTGGGCAGAAGGCTCTAGAAGCCTGTGGCGCAGGGGGCTTGGGG  
 TCTCAGATGATACCGGGAAGAAGGCCAAGGAAGTGACGACTAAAAACGCGCCATCTCG  
 GCAGCAGTGGAAGAGGAGGAGAAGCAGGGGCGCGCATGGAGGAAAAGAGGTAGTGCAG  
 AAGGAAAAAAGGTGGCAGGAGGGTGAAAGAGGAGACACGGCCAGGGCCCCGAAGATC  
 AATAACTGCATGGACTCACTGGAGGCCATCGATCAAGAGTTGTCAAACGTAATGCCAG  
 GCTGACAGGGCCTTCCTTCAGCTTGAGCGCAAGTTTGGCCGATGCGAAGGCTCCACATG  
 CAGCGCAGAAGTTTCATTATCCAGAATATCCCAGGTTTCTGGGTTACTGCCTTTCGAAAC  
 CACCCCCAGCTGTACCTATGATCAGTGGCCAAGATGAAGACATGCTGAGGTACATGATC  
 AATTTGGAGGTGGAGGAGCTTAACACCCCAGAGCAGGCTGCAAATTCAGTTTCATCTTT  
 CAGGGCAACCCCTACTTCCGAAATGAGGGGCTTGTCAAGGAATATGAACGCAGATCCTCT  
 GGCCGGGTGGTGTCTCTTCCACTCCAATCCGCTGGCACCAGGCAAGACCCCAAGGCT  
 CATATCCACAGAAACCGGGAAGGGAACACTATCCCTAGTTTCTTCAACTGGTTTTTCAGAC  
 CACAGCCTTCTAGAATTCGACAGAAATTGCAGAGATTATCAAAGGAGAACTGTGGCCCAAT  
 CCCCTACAATACTACCTGATGGGTGAAGGGCCCGTAGAGGAATTCGAGGCCACCAAGG  
 CAGCCAGTGAGAGCGCCAGATCCTTCAGGTTCCAGTCTGGCTAA

Clone variation with respect to NM\_021648.4

89 g=>t



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_021648 unedited  
 TGTATACGACTCTATAGGGCGGCCGGAATTCGCACGAGGGGACAAGGAAGTCTCCCTC  
 TCCCACTATCTGACTTCTTCCAAAATGAGCGGCTGGATGGGGGCAACAAGTCCCTCTC  
 GCCCAAACCGCGGCCTGGCTGCTCCCGACCATGCCTCAGGAGATCCGGACCTAGACCAG  
 TGCCAAGGGCTCCGTGAAGAAACCGAGGCGACACAGGTGATGGCGAACACAGGTGGGGGC  
 AGCCTGGAGACCGTTGCGGAGGGGGTGCATCCAGGATCCTGTCGACTGTGGCCCCGCG  
 CTCCGCGTCCCAGTTGCCGGGAGTCGCGCGGTGCAGCGACCAAGCCGGGCAGGAGGAT  
 GCTCCACCTTCTACGAAAGGTCTGGAAGCAGCCTCTGCCGCCGAGGCTGCTGACAGCAGC  
 CAGAAAAATGGCTGTGAGCTTGGAGAGCCCGTGGCCCTGCTGGGCAGAAAGGCTCTAGAA  
 GCCTGTGGCGCAGGGGGCTTGGGGTCTCAGATGATACCGGGGAAGAAGGCCAAGGAAGTG  
 ACGACTAAAAACCGCCATCTCGGCAGCAGTGGAAGAGAGGAGAGAGCAGGGGCGGCG  
 ATGGAGGAAAAGAAGGTAGTGCAGAAAGAAAAAAGGTGGCAGGAGGGGTGAAAGAGGAG  
 ACACGGCCAGGGCCCCGAAGATCAATAACTGCATGGACTCACTGGAGGCCATCGATCAA  
 AGAGTTGTCAAACGTAATGCCAGGCTGACAGGGCCTTCCTTCAGCTTGAGCGCAAGTT  
 TGGCCGATGCGAAGGCTCCACTGCACGNGCAAAGTTTCATTATCCAGATATCCAGNGT  
 TTNCTGGTTACTGCCTTTCGAACACCCCAAGCTGTCACCTATGG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_021648 unedited  
 NTTAGCTCTGGACCGCGGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTATTT  
 TTTAAATTATTTTTATTTTTTGATGAAAACAAGAAATACGGTAGTGACACTTTATTTTTC  
 CTTCAAGCACATGGGAGAAGACAAAAGTACTAAATGATCATTGAGTTTGACAGAGAAATT  
 CTACTGGTACTTACACTGCTTAGGAACATAAATGTCAAGTACATTACTAGGGCAAGAAAT  
 ATCAAGTAAGACAACAGAGTCGTATTTTTCTTTTTGAGGTTATTTTCACAAGACATAGCT  
 ATAATTTGTAAAAATATTCAGACTATTGAAAGATCACATTCAAATTATATTCTAAGAATA  
 GAGCCATATATGAACAGAGAGCAAAACAAGCTAATACATTAATGAATATTCAGTGAATTC  
 TTCATACTGCACAGGACACAAATTTGGTATTTTTGCACATGTTGTCAATTATAAGCAAAA  
 AGCAGGCTGTAAACATCAATTTTGTATAGGCTGAAACAGAGAAAGGAAATGGATTTTA  
 CTCAAAAACAGTGACATAAGGAGCATATACCATTAATCTTCCACACATATAAAGGTCAGT  
 CCTAGGATAATTGAGAGAAAACATCGACTTACATTTTGTTTACAAAAATCTACTGGTGAA  
 TTCAAGGACTTAGGAAAAATTGAAGGAAATCTTCCTCCAAGCATGCTATTTAAACCCCA  
 GCCCTCTTCCCTGGAGAGCACCTCAGGGGCTCCCTCCACCCCTGATCCTGCAGGTCT  
 TTNCTGTGAGCCTTTCCAAACCCCGCCACACAGGCTCATTCTGCTCTGGACTTNTACTC  
 AGTTTCCACCTAGATAACCTTCACTGGNTGTGTGTGAGACTNCTAACCTCAGTAGCTT  
 AGGGCAGGCTTCAACAGGAAGGTGATGGGGGGGGGGTCTTATACCCACTGACTC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_021648

**Insert Size:**

4230 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\\_021648.4](#), [NP\\_067680.3](#)

**RefSeq Size:** 4144 bp

**RefSeq ORF:** 1245 bp

**Locus ID:** 23270

**UniProt ID:** [Q9UJ04](#)

**Cytogenetics:** 6q22.1