

Product datasheet for **SC303293**

TSPY1 (NM_003308) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSPY1 (NM_003308) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSPY1
Synonyms:	CT78; DYS14; pJA923; TSPY
Mammalian Cell Selection:	Neomycin
Vector:	<u>PCMV6-Neo</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_003308 edited
AACAGGCCCTTCGCGCGCAGTCCCTTAGGGGGCGCCTGGAAGCCCGGCGCATGCGCCCTG
AGGGCTCGCTGACCTACCGGGTCCAGAGAGGCTGCGGCAGGGTTCTGTGGCGTGGGTC
GGGCAGCACAGGCCTTGGTGTGTGCGAGTGCCAAGGAGGGCACCCCTTCAGGATGGAGG
CTGTACAGGAGGGGGCGGCCGGGTGGAGAGTGAGCAGGCGGCTTTGGGGAGGAGGCGG
TGCTGCTGTTGGATGACATAATGGCGGAGGTGGAGGTGGTGGCGGAGGAGGAGGGCCTCG
TGGAGCGCGGGAGGAGGCCAGCGGGCACAGCAGGCTGTGCCTGGCCCTGGGCCATGA
CCCCAGAGTCTGCACTGGAGGAGCTGCTGGCCGTTCAAGTGGAGCTGGAGCCGGTTAATG
CCCAAGCCAGGAAGGCCTTTTCTCGGCAGCGGGAAAAGATGGAGCGGAGGCGCAAGCCCC
ACCTAGACCGCAGAGGCCCGTCATCCAGAGCGTCCCTGGCTTCTGGCCAATGTTATTG
CAAACCACCCCGAGATGTCAGCCCTGATCACTGACGAAGATGAAGACATGCTGAGCTACA
TGGTCAGCCTGGAGGTGGRAGAAGAGAAGCATCCTGTTTCTCTGCAAGATCATGTTGT
TCTTTTCGGAGTAACCCCTACTTCCAGAATAAAGTGATTACCAAGGAATATCTGGTGAACA
TCACAGAATACAGGGCTTCTCATTCCACTCCAATTGAGTGGTATCCGGATTATGAAGTGG
AGGCCTATCGCCGAGACACCACAACAGCAGCCTTAACTTCTTCAACTGGTTCTCTGACC
ACAACCTCGCAGGATCTAACAAGATTGCTGAGATCCTATGTAAGGACCTGTGGCGCAATC
CCCTGCAATACTACAAGAGGATGAAGCCACCTGAAGAGGGAACAGAGACRTCAGGGGACT
CCCAGTTGTTGAGTTGAATATGATGGAGCATCAGATTTTACCTAATACAGCAGAACTCCT
AAAAAGTTACAGCCATATGCAGGA

Restriction Sites:	Please inquire
ACCN:	NM_003308
Insert Size:	1000 bp



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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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_003308.2.
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_003308.2 , NP_003299.1
RefSeq Size:	1159 bp
RefSeq ORF:	927 bp
Locus ID:	7258
UniProt ID:	Q01534
Cytogenetics:	Yp11.2
Gene Summary:	The protein encoded by this gene is found only in testicular tissue and may be involved in spermatogenesis. Many functional paralogs and pseudogenes of this gene are present in a cluster in humans, but only a single, nonfunctional orthologous gene is found in mouse. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016] Transcript Variant: This variant (1) encodes the longer isoform (TSPY-S). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.