

## Product datasheet for RN214368

### Tspy1 (NM\_022923) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tspy1 (NM_022923) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tspy1
Synonyms:	Tspy
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214368 representing NM_022923 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGAATTCTGAGGAGGAGAGTGTGGCGTGGCTCCCCAGGAATTCGGGAAGTGGTACTCCTGGAAA  
GCAGCCTTCTGGAGGGAGAGCCCTCAGTACAGGCACCAGAGCAGAGCCCAGGTGCTCCTGCTGGGGACAA  
CCAGATGGTGAAGCCTCTGGTAATATGTGGTCTGTGGAAGATTGGGTACCCCTGCAGAGGTGCTACAT  
CACCTGACACGTGTGAAGAGGGTGACGAGGCTACTATGGCGGAGTTGAAAGTCACAGAGGTGGTAGATG  
TCAAGAATGAGGGTGAAGAGGTAAGGATCAGAAACAGGAAGGTGAACAAGATCAGCAGCCTGAGCTGGA  
AAAGAACCAGAGCAAGCCTGTGATTCTAAAGATCAGCAAGGGATACAAAGGCTTCCACTGTCAGGTGGC  
GGCCTGCAGAACGCAGATCTAAAATGGAGGAGCTGGAACCTTCTCAACTGGAGCTCAGCTTTGTGAATG  
CCCCTGTAGCGGAGCTTTTGCCTGGATTAAGCAAAAGTGGCCAAAATGCGCAGACCTCACTTTGATCG  
CAGAAAGACCAATAATCCAGGGCATTCCAGGCTTCTGGGCTAAAGCTATGATGAACCATCCCAGATGTCC  
TCCATCATCAGCAACCAAGATGAAGACTTACTGAGCTACATGTTGAGCTTGAGGTGGAGGAGTACAATC  
CTGGGTGAGGATGTGCAGGATGATGTTTTCTTTAGTAAAACCCATACTTCCGGAATGACATTGTCAC  
TAAGGATTATCAACTCAGCATCATTGGATACAAAGAGTCAGATTTCGAGTACAATAGAGTGGATTGGACAG  
GCTGAGCATGGTTATGCCAACTGCATGCAAGACTACCAGACTCACTTTCTTCAACTGGCTGTGTGCAC  
ACAANTTCCCTGGCTCCAACAGGATTGCTGAGATAATCATGGATGACTTGTGGCCAAATCCTCTTTACTA  
CTACCCTAAGGAAGACCACTCATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_022923
<b>Insert Size:</b>	1005 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_022923.1</a> , <a href="#">NP_075212.1</a>
<b>RefSeq Size:</b>	1245 bp
<b>RefSeq ORF:</b>	1005 bp
<b>Locus ID:</b>	25223
<b>UniProt ID:</b>	<a href="#">Q9R1M3</a>
<b>Cytogenetics:</b>	Yq11
<b>Gene Summary:</b>	Y-specific gene with no evident X counterpart; may play a role in spermatogenesis; mouse homolog is non-functional, producing only low levels of aberrantly spliced transcripts [RGD, Feb 2006]