

Product datasheet for **RN217089**

Tspyl2 (NM_001191618) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tspyl2 (NM_001191618) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tspyl2
Synonyms:	RGD1563283
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217089 representing NM_001191618
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCGCCCGGATGAGGGGCCCTCGGCCAAGACCCCCCGCTGAGCAGCTCGGAATCCCGTCAGCGC
ACCTGCCGCCCCGCCACCCCCACCCTCTGCGACTGCCCTGCCTCCACCCAGCAGCGTCCGAGACC
CCAGGAAGAGACCGAGGCTGCACAGGTGCTGGCTGACATGAGGGGGGTGGCCCCACGCTGCCCCACCA
CTGCCCTATGTCAATTCTCGAGGAGGGGGTATCCGTGCGTATTTCACTCTGGTGCTGAGAGTCCGGGCT
GGGATCTCGCATTGAGTCAGGGTTCCGGGAGGTCCTCGTCCACAGAGATCATAGAAACACTCCCGTCTT
AGAAGCCTCTAGGGGAAGCCTGGAATTGACTTTCAGGTTGAGAACACAGCAGCCTTGGAGAGAAGGCC
CTAGAAACCTGTAGCTTTGAGGGTGGGGGCCCCAGATGTTAGTCGGTCCAAAGAGGAAGGAGGAGCTA
TCATCATAGTGGAAGATGAGGATGAGGATGAAAAGGAAAGTATGAGGAGGCTGCAGCAGCGTCGCGGAG
GAGGAGAAGGAGGAGGAGGAGGAAGCAGAGGAAGGCGAAGGAGAGCAGAGAGAGGAGTGCAGAGGATG
GAAAGCATACTCGAGGCCCTGGAGAGCATTCAATGGACCTGGAGGCGGTGAACATCAAGGCAGGCAAGG
CCTTCTTGGCTCTCAACCGCAAGTTCTACGAGTGCGAAGACCTTTTGGAGCGCAGAGACCTCATCAT
CCAGCATATCCGAGCTCTTGGGTCAAAGCAATTCCTCAACACCCCCAGAATTTCAATCTTGATCAACCAA
CGCGATGAAGACATCTTCCGCTACTTGACCAATCTTCAGGTACAGGATCTCAGACATATCTCCATGGGCT
ACAAAATGAAGCTGTACTTCCAGACAAACCCATACTTCAAAACATGGTGATCGTCAAGGAGTTCCAGCG
CAACCGCTCAGGTGGTGGTGTCTATTCTACCCCAATACGTTGGCATCGGGACAGGAACCCAGGT
TACAATCGCAGGAGCCACGACACCAGAGAAAGCTTCTTCAACTGGTTTTCCAACCACAGCCTCCCAGAAG
CTGACAGAATTGCTGAGATTATCAAGAATGACCTGTGGGTTAACCCAGTACGCTACTACATGAGAGGAGG
TGGCTACAGAACAGCAGAAAGAAGCAACTAGGAAAGGAAAGAGCCAAGAATCAATATGAAATGGTGATC
ATGGAAGATGCTCATGACCATTATGCCGTTGAAGACATTCTCAGTGAAATCTCAGAAATTGATGAGATCA
CTGACAAATGAGACCATTACGACATCAAGATCTCTGACTTCATGGAGACCACTGACTACTTTGAGACCAC
TGATAATGAGGTAAGTATGATGCCAATGAGAACCTGTGCGACAGTGAGAATCTGACCACAGTGAGGGCTCC
CACAAGATCACTGACAACAAAGGGAGCATTGCCACCGGTCCAGATGACAACGGTGACAAGCCAGAGGAAA
AGAATACCTATGACAGTGAGGATTCCAACAGTGAGAAAGCTGATGGGGACAACAAACCCCTAGAAGGTGA
CAACCAGCAGGTTACTAATATCCAAGATAGCAGTGATAGTGACAATGGAGATGAGGGTAGTGATGAA
GATGATGATGGCAATGAGGGTGACAATGAGGGCAGTGATGATGATGACAGGGACATTAAATACTATAAGA
ATGGCTCGAAGTCTTTGACAAGGCTCTGGATAACCCGACCCTCCAAGATGTCTATGAGGAGGAGGTAGA
AATCATCTCTGAAGACTCAGTTGAGGAAGAAGAGAGACGACCTGAGGAAGCTAGTGAGCTAAGCCGAG
GACAGCTATGAAGACGAAACAGTGCTATGAGGAGGAAGGAAGTGAAGTGAACTCAGAAAGTTCTGATATCC
AGGAAGTGCTGCCAGTCCCAAATGCTTGGGCCAGCCTGGGGAAGAAAGGAAAAATCGGA TAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM 001191618

Insert Size: 2022 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001191618.2, NP_001178547.1</u>
RefSeq Size:	2709 bp
RefSeq ORF:	2022 bp
Locus ID:	302612
Cytogenetics:	Xq13