

Product datasheet for **RN201635**

Tprn (NM_001024309) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tprn (NM_001024309) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tprn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN201635 representing NM_001024309

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCGGCCTGGGGCGGCTCGATCCGGGGCCGGAACCGTGATGCCCGCCTGGAACGGGAGATACTTG
AGCGGAGGCGAGCTAAACTGGCCGCTCTGAGCGGAGGCCCGGATCTGGAGCGGCACCGATGGGCCTAA
CGAGCGGCTGGTCTGGCGGAGAGTCTGGGTCCACTAAGCCAGAACCGTTTCATGCGACTTGAATCGGAG
AGGCGGCGCGGGGCGCGGCCGCTCAGCAGCTGCTGGAGCTGTACTGTCTGTGCCCGGCGTGCGGACCA
TTCGAGCCGACAACATCCTCATCATCGAGTCAGCGCCAGGGTTCCCGCCCGCTGTGCCCGCCGCTTCGAG
CATCCGCGCTGCCGAGGTAGTGGTGTACGAGGAGCCACAGCCCGCCGGGTACCGCGCTGCTAGAAAAG
TTCGACTCGCCTGCTGCGCCCCGCCCGCGGGAGCCAGAGCGCTTCGCCCTGCGCTCCCGCAGCTTC
CCGTGGCGCTGCATCTGCTGCCACGCGCGCTCCTACCAATCGGTGCTTGGCTCTGCCCCACCGGTGCT
CCCTAGCCAGCCGACCCCTATTTGCTGTGCTCCCGTTGCCAGCGCGGGTCAGCGCTCTGCCTGT
TGCAGGCCCGCGACCCGACGCACTGCCGGCCCGGGGCCCGCGCAGCGACTTCCTACAAAAGACCG
GCAGCAACTCCTTCACTGTCCACCCCGAGGCTGCCCGCAGTGCGGTCAATCGCTCGCTTCTAATGG
ACCCATGACTCAGGAATCCCCTGCCGGCCCTGCCAATGGGTGTGCGGCTCTCCGCTGTACCGGCAAG
TGGAAGCCAAAGTGGAGTCAAAGGAACCTCCCTCCACCCACCCCAAGCCCTGGGACCCCAAGTGCCA
CTCCAGTTGGGCCCCCTGCCTTCTGGCGCCAGCCAGCCAGTGCCACTCCAGTCAGCGCCAGTGGGT
CTCCTCTGCCACCAGCGCCAATGACTCCTTCGAAATAAGGCCATCCTCCAAGCCAGACATGGAACATC
CCAATTGGGACCTTCAGGCCAGAGCCCTGGCCAACTCAGAGTGAATCCCGCAACTCCTTCGTGTTGA
TCCCCAAGCGCAAAGCCCTGGGAATATCCTTCGGCGCGGGGAGGCAATTCAGGAGCCAAAGGGGGA
GGTGGGCTGGGCTCTCAGAGCCAGGGCTCGGATCCAGCTGGTGTCTACAGTGGATGGTGCACCTGCC
CTAGAGAAGAGTTCTTGCTGTGAGATGCAGTGGGCGATTAGGAGGGAGGCTGCCCCAGGCCAGCCA
TTTCTGACACAGACAAGTCTGTTAGGAGGAGAGGCCAGCCTCACCACTCCATTCTACAGCCACTAC
TGAAGCTGAGCCGGCTGAAGGCTTGGGGTTCCTGGCTTGACCAAGAATGGCCAGGAGCCTGTGAGGCCA
GGACTTCAGTCACCTTCATTGATGAAGTAGACTCAGAGGAGGCGGCTTCAAGAAGCCAACTGCCCT
CTTCAGCAGTTGGTGTGCTTCCAGTACCACCTGCACCTTCCACACCTGGGCACACCTCAGAGCTCCT
CAACCGAGGTAGCAACACTTTCACAGTAGTGCCAAGAGGAAGCCAGGGACCTTCAGGAGCCACACTTA
AGTCAGACTAATGGGCGATTCCAGCAAGGGGAGAGGAACAGGATGCTGATAGCCTCTCGGACCCACA
CTACCCTGGAGAATGCCCTAAAGAAACGATACCCCACTGTGAATGAGATTGAGGTGATCGGTGGTTACCT
GGCCCTGCAGAAGTCTGCCTCATCAAGGCTGGCTCCTCCAGAAAAAGATGAAGATCTCCTTCAATGAC
AAGAGCCTGCACACAACATTTGAGTACCCTTCTGAGAGCTCTCTGGCCAGGAGGAGGAGGAGGAGGAAG
AAGAGGAGGAGGAGGAGGAAGAAGGAGAGGATGGTGAAGAGGAGGAAGTGGGGCTGACTCAGAGAAATC
CTTCACAGTTCTTTCGCCCGGGCCACATTTGTAAGCAGTGTGGGACCTGAGAGCAGCTCAGGTCTGTCC
AGCTACACTCAAAGCATTCCATGGCCTTCAGCAAGTGGCAGGAGCAGACACTGGTGCAGGCTCCAATG
AGGTGGAGCTCCACCAAAAGAGGTCATGCTCACACCTGCCAGTCAGAATGATCTCTCGGACTCCGCAG
CGAGCCAGCCCTCTATTT**CGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001024309

Insert Size:

2262 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:	<u>NM_001024309.2, NP_001019480.2</u>
RefSeq Size:	2731 bp
RefSeq ORF:	2262 bp
Locus ID:	499749
UniProt ID:	<u>Q5XHX2</u>
Cytogenetics:	3p13