

Product datasheet for **RN201529**

Tprg1l (NM_001110318) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Tprg1l (NM_001110318) Rat Untagged Clone

Tag: Tag Free

Symbol: Tprg1l

Synonyms: mover

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN201529 representing NM_001110318

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTACAGCTGCGGGACACAGTGGACTCGGCAGGCACGAGCCCCACGGCGGTGCTGGCGGCCGGCGAGG
ATGCGGGCGCGGACGGCAGGGGCGGGCACGCCGCTGCGCCAGACTCTGTGGCCGCTGAACGTCCACGA
CCCAACACGCCGCGCCCGCTCAAGGAGTACTTCGTGTTCCGACCGGCACTATCGAGCAGGCGGTGGAG
GAGATCCGCGCCGTGGTACGGCCGTGGAGGACGGCGAGATCCAGGGGTGTGGCTGCTGACCGAGGTGG
ACCACTGGAACAACGAGAAGGAGCGGCTGGTGTGGTCAACGACCACTCTTTGCTCATCTGCAAATATGA
CTTCATCAGCCTTCAGTGTGAGCAGGTGGTCAAGGTGGCGCTCAGTGCAGTAGACACCATCTCCTGTGGA
GAATTCAGTTTCTCCTCCAAAGTCGCTCAACAAGCGAGAAGGCTTTGGCGTTCGCATTAGTGGGACAAGC
AGAGCCGCCCTTCTTTCATCAACAGATGGAACCCCTGGTCTACAAACATGCCCTATGCCACCTTCATAGA
ACACCCAATGGCTGGCATGGATGAGAAGACAGCGTCTCTGTGCCATTTGGAAAGCTTCAAGGCTCTCCTA
ATCCAAGCTGTCAAGAAAGCCAGAAGGAAAGCCCACTGCCAGGGCAGGCGAACAACGTGCTGGTGGTGG
ACCGCCCTCTCCTCATCGAGACCTACGTGGGCTGATGTCCTTCATTAAACATGAAGCCAAGCTGGGCTA
CTCCATGACCAGGGGCAAGATAGGCTTC**TAG**

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001110318

Insert Size: 801 bp



[View online »](#)

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_001110318.2, NP_001103788.1</u>
RefSeq Size:	1839 bp
RefSeq ORF:	801 bp
Locus ID:	687090
UniProt ID:	<u>A8WCF8</u>
Cytogenetics:	5q36
Gene Summary:	Presynaptic protein involved in the synaptic transmission tuning. Regulates synaptic release probability by decreasing the calcium sensitivity of release.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).