

Product datasheet for **RN206611**

Tpsg1 (NM_175593) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Tpsg1 (NM_175593) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Tpsg1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN206611 representing NM_175593
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCCTGGGGCCCTACTGTGGCTTCTACTGCTTCTGGCTGTTCTGGGTGTGGCCAGCCCCAGGTTT
 CACATGCAGGAAGTCGAATCGTGGGAGGGCACGCTGCCAAGCTGGTGCATGGCCGTGGCAGGCTAGCCT
 CCGTCTGCAGAAGGTGCATGTGTGGAGGATCCCTGCTCAGTCCAGAATGGGTACTCACAGCAGCCCAC
 TGCTTCTCTGGGTCTGTGAACTCGTCGGATTATGAGGTGCATTGGGGGAGCTGACGATCACACTGTCTC
 CTCATTCTCCACCGTAAAGCAAATTATCATGTACTCTAGTGCCCCAGGACCACCGGGTCCAGTGGAGA
 CATTGCCCTGGTGCAGCTGGCCACCCCGTGGCTCTTTCCAGCCAGGTCCAGCCTGTGTGCCTTCCAGAG
 GCCTCAGCCGACTTCCACCCTGGGATGCAGTGTGGGTGACAGGCTGGGGCTATACACAGGAGGGAGAGC
 CTCTGAAACCCCATACAATCTTCAGGAGGCCAAGGTCTCTGTGGTGGATGTAGAGACCTGCAGCCAGGC
 TTACAGCAGCTCCAACGGCAGCCTATTAGTCAGACATGCTATGCGCCTGGGGCCCTGGGGATGCCTGC
 CAGGATGACTCTGGAGGGCCACTAGTCTGCCGGTGGCTGGGATCTGGCAGCAGGCTGGTGTTCAGCT
 GGGGTGAGGGCTGTGGCCGCCCTGACCGCCCTGGCGTCTATGCTCGGGTACTGCCTATGTAACCTGGAT
 CCACCGCCACATCTGGAACAGGGGGCTCAGGAATGCAAGGGCTCTCCTGGATCCCCTCTGGCTGGC
 CTCTTCTTCCAAGTCTTCTCTGCTGCTGGTCTCTGGAGTCGTGATGGCCAAGTACTGGCTGGGCTCTC
 CTCCCACCCAGCCTTGGAGTTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_175593
 Insert Size: 936 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).
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:	<u>NM_175593.2</u> , <u>NP_783183.1</u>
RefSeq Size:	1113 bp
RefSeq ORF:	936 bp
Locus ID:	302990
Cytogenetics:	10q12
Gene Summary:	mouse homolog is a transmembrane mast cell serine protease [RGD, Feb 2006]