

Product datasheet for **RN211469**

Tpgs2 (NM_001014147) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tpgs2 (NM_001014147) Rat Untagged Clone
Tag: Tag Free
Symbol: Tpgs2
Synonyms: Pgs2; RGD1310571
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211469 representing NM_001014147
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGGAGACACCGCCCCCAATGCAAGCCGGCAGCAAGCCGCACCTTGAGAAGTTGACCCTGGGCGTAA
CTCGCATCTGGAATCTCCCCAGGTGTGACAGAGGTGAGCATAATAGAAAAGCTGCCTGCTGAGCGTCA
TATGATTTCTTCATGGGAACAGAAAACAATTGTGTGATGCCTGAGGATGTGAGAACTTCTACTTGATG
ACCAATGGTTTTACATGACCTGGAGTGTGAAGCTAGATGACCACATTATCCACTGGGAAGCATGGTGA
TTAATGGCATTTCAAAAGTACTCAGCTCATCCAGTCCCGTGTACTCACTTCCCTAATGCACCAACTCT
GGCGGACCTGGAGGATGATTCTCAAGAAGGCAATGAAGACCACCAGCTCGAGAAGCCTCACTTTGACTGT
CGCAGTGCATATTTGAGCTGGATTCAATGCGGTGGGAATGGGAAAGTTTGCCTCGTCTACAAAAATGGGA
AACCTGGATTAGCTCATGACACTGAGATATGGTTCCTGGACAGAGCGTTACTGGCATTCTCACAGA
CACCTTTACTGCCTATTACCGCCTGCTCATCACCCACCTGGGCCTGCCCCAGTGGCAATATGCCTTTACC
AGCTATGGCATTAGCCACAGGCCAAGCAATGGTTCAGTATGTACAAACCCATCACCTACAACACGAGCC
TGCTCACAGAAGAGCCCGACACCTTTGTGAACAAGCTGGACCCAGCAAAGTGTTCAAGGCAAGAACA
GATTTTAATCCCAAAAAAGAAAGGCCTGTGCAGCCTGTCAAGTGGCCAGAAAGGGCCCGGCCCTTAGCT
CCGCTACCTCTAAACCTTCTGCAGGCTGTGAAACCCTGTCCGAAAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001014147
Insert Size: 891 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_001014147.1</u> , <u>NP_001014169.2</u>
RefSeq Size:	2459 bp
RefSeq ORF:	891 bp
Locus ID:	361301
UniProt ID:	<u>Q6AXS8</u>
Cytogenetics:	18p12