

Product datasheet for **RN206045**

Pggt1b (NM_031082) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pggt1b (NM_031082) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pggt1b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206045 representing NM_031082 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGCCACAGAGGATGACAGACTGGCGGGAGCGGAGAAGGAGAACGGCTGGATTTCTGCGGGACC
GACACGTGCGGTTCTCCAGCGCTGCCTCCAGGCTTGCCGGAGCGGTATTCTTCGCTGGAGACCAGCAG
GCTGACAATTGCATTTTTGCACTCTCTGGGCTGGATATGTTGGACTCCTGGATGTGGTGAACAAAGAC
GATATAATAGAGTGGATTTATTCCTTGCAAGTTCTCCACAGAAGACAGGTCAAATCTGGATCGCTGTG
GTTTCCGAGGTTCTCATATTTGGGTATTCCATTCAACCCATCAAAGAATCCAGGCACAGCTCATCCTTA
TGACAGTGGACACATAGCGATGACTTACACTGGTCTTTCTGTTAATTATTCTGGAGATGATTTAAGC
CGAGTAGATAAAGAAGCTTGCTTAGCAGGCTTGAGAGCACTTCAGCTGGAAGATGGGAGCTTCTGTGCTG
TTCCTGAAGGCAGTGAGAATGACATGAGGTTTGTGACTGTGCTTCTGCATTTGCTATATGCTCAACAA
CTGGTCAGGCATGGATATGAAGAAAGCCATCAGCTACATTAGAAGAAGTATGTCCTATGACAATGGCCTG
GCACAGGGGGCAGGACTTGAGTCTCATGGAGGATCCACCTTTTGTGGCATTGCGTCACTGTGCTGATGG
GTAAACTGGAAGAAGTTTTTTCAGAGAAAGAACTGAACCGGATAAAGAGGTGGTGCATAATGAGGCAGCA
GAACGGGTACCACGAAGACCTAACAAGCCTGTCGACACCTGTTACTCTTCTGGGTGGGAGCAACACTA
AAGCTTTTGAAAATTTTCCAGTACACTAAGCTTTGAGAAGAATAGGAATTACATCTTCAACTCAGGATC
GCCTTGTTGGGGATTTGCTAAATGGCCAGACAGTCATCCAGATGCTTTGCATGCGTACTTCGGGATCTG
TGGCCTGTCACTAATGGAGGAGAGTGGAATTTGTAAGGTTTCATCTGCTCTGAATGTAAGCACACGAACT
TCTGAGCGCCTCCGAGATCTCCATCAAAGCTGGAAGACCAAGGACTCTAAACAGTGCTCAGACAATGTCC
ATATTTCCAGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_031082
Insert Size:	1134 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_031082.1</u> , <u>NP_112344.1</u>
RefSeq Size:	1568 bp
RefSeq ORF:	1134 bp
Locus ID:	81746
UniProt ID:	<u>P53610</u>
Cytogenetics:	18q11
Gene Summary:	catalyzes the transfer of a geranylgeranyl group to the cysteine residue of proteins containing a carboxyl-terminal CAAX where X is preferably leucine [RGD, Feb 2006]