

## Product datasheet for **RN208726**

### **Fpgt (NM\_199494) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fpgt (NM_199494) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fpgt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN208726 representing NM\_199494  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGACTCTCCGGAAGCCACCTGCGGAACTGCGCAGATTTTCGGAGCTGAGAGGCAAACCTGTGG  
 CAGCTGGAGAATTCTGGGATGTGGTTGCGATAACAGCAGCCGATGAAAAGCAGGAGCTCGCTTACAAGCA  
 GCAGTTGTCAGAAAAGCTGAGAAGAAAGGAATTGCCTCTTGAGATTCAATACCATGTTTTCTGATCCT  
 GCTGGGACCAAAATTGGAATGGAGGATCGACACTTTGTTCCCTCAGTGCCTAAAAAGCCTCTATGGAG  
 ATGAATGGAATCTTTCAAGTCTGTTAATCACTCCGGTGGCTACAGTCAACGCCTTCCCAATGCAAG  
 TGCTTTAGGAAAGATCTTACAGCCTTACCCTTGGTGAACCCATCTATCAGATTTGGAGTTAAAACTA  
 GCCATGTACGTGGATTTCCCTCACACATGAAGCCTGGAGTCTTGGTACCTGTGCAGATGACATTGAAC  
 TGTACAGTGTGGGACTGTCAGTACATTGCCTTTGACCAGCCTGGCTTTACTGCCTTAGCCCATCTTC  
 CAGTCTGGCTGTAGGCACCACACACGGAGTATTTGTCTTGCACTCTGCCAGTTCTTACAACATGGTGAC  
 CTTCAGTACAGACAATGCCACCGTTTCCCTCACAAAGCCACCATTGAAAACATGCATCAGTTAATGCTG  
 TGCAAAGACAAGGAAGCTTTGCTCAACAGGACTTCCCTGGAGGTGACACCGCGTGTCTTCCATTGCACAC  
 TGAGTATGTCTACACAGATAGCCTGTTTTACATGGACCACAAATCGGCCAAAAAGTTACTTGATTCTAT  
 AAAAATGTAAACCAACTGAACTGTGAAATAGATGCCTATGGTACTTTCTGCAGGCACTGGGGCCTGGAG  
 CAACTGCAGAGTATACCAGGAACACATCACATGCTACTAAGAAGACTCCCAGTTGTTGGACATGAGGCA  
 GAAAATATTCCACCTCCTCAAGGGGACACCCTGAATGTTGTTGTTCTTAATAACTCCAGATTTTATCAC  
 ATTGGAACAACAAGAATATCTGCTTCATTTACGTCTGATAGTACGTTAAGGTCAAGAGCTAGGCTTA  
 CAGTCCATAGCTTTCAAGTGTCTCTCAAGTATCCCTGAATCCTCAATGAAACAGCCTGTATCATTAC  
 AGTATACTGGGATTCAGGATGCTGTGTGGCACCTGGCTCAGTTGTAGAGTATTCTAGACTGGGGCCTGAG  
 GTGTCCATTGGGAAAACCTGCATTGTGACAGCTCTGTCTAGCAAACTGCTGTGCCGCATATTCTT  
 TTGTGTGTTCTCTAAGTGTGAGGACAAATGGACTCTTGAATATTCTACCATGGTGTGTTAGTGTGCAGGA  
 CAACTGAAAGGCAGTGTAAAACCTGGAAGATATAAAGGCACTTCAAGTTCTTTGGAGTCTGTTCTTG  
 TCTTGTGTTAGACATCTGGAACCTTAAAGCTACAGAGAACTGTTCTGGAAGTAAGAGGAACTGAGCC  
 TGTGGACTGCACGGATTTCCCTGTCTGCTTCTCTGAGTGAGTCAGTTACAGCATCCCTTGGGATGTT  
 AAGTGCTGTAAGGAGCCATTACCATTAGCCTAAGCAACTTTAAGCTGATGTCCATCCAGGAAATGCTT  
 GTCTACAAAGATGTACAAGACATGCTAGCTTATAGGGAGCAAATTTTCTAGAAATTAATCAAATAAAA  
 AACAACTGATTTAGAGAAATCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_199494

**Insert Size:** 1776 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:** [NM\\_199494.1](#), [NP\\_955788.1](#)

**RefSeq Size:** 1797 bp

**RefSeq ORF:** 1776 bp

**Locus ID:** 310935

**Cytogenetics:** 2q45

**Gene Summary:** human homolog participates in an alternate pathway for the biosynthesis of GDP-fucose and GDP-beta-L-fucose [RGD, Feb 2006]