

Product datasheet for **RN205252**

Fcgrt (NM_033351) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fcgrt (NM_033351) Rat Untagged Clone
Tag: Tag Free
Symbol: Fcgrt
Synonyms: FcRn
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205252 representing NM_033351
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGATGTCCCAGCCCGGGTCTCCTCAGCCTTTATTGGTCTCTGCCTCAGACCTGGGGAGCGG
AGCCCCGTCTCCACTGATGTATCATCTTGACGCTGTGTCTGACTTATCAACGGGGTCCCTCTTTCTG
GGCCACGGGCTGGCTGGGTGCTCAGCAATATCTGACCTACAACAACCTGCGGCAGGAGGCTGACCCCTGT
GGGGCCTGGATATGGGAAAACAGGTGTCTTGGTATTGGGAGAAGGAGACCACGGATCTGAAAAGCAAAG
AACAGCTCTTCTGGAGGCCATCAGGACCTGGAGAACCAAATAAATGGGACCTTCACACTGCAGGGCCT
GCTGGGCTGTGAACTGGCCCCTGATAATTCTTCATTGCCACGGCTGTGTTTGCCCTCAATGGTGGAGAG
TTCATGCGGTTCAACCAAGAACGGGCAACTGGAGTGGGGAGTGGCCGGAGACAGATATCGTTGGTAATC
TGTGGATGAAGCAACCTGAGGCGGCCAGGAAGGAGAGCGAGTTCTCTGCTAACTTCTTGTCTGAGCGGCT
GCTAGGCCACCTGGAGAGGGGCCGTCAGAACCTGGAGTGAAGGAGCCGCATCTATGCGCCTGAAGGCC
CGTCTGGCAACTCTGGCTCCTCAGTACTGACCTGTGCTGCTTTCTCTTCTACCCGCCGGAGCTCAAGT
TTCGATTCTGCGCAATGGGCTAGCCTCAGGCTCTGGGAATGCAGCACTGGTCCCAATGGTGGATGGATC
TTTCCATGCATGGTCATTGCTAGAGGTCAAACGTGGAGATGAACACCATTACCAATGTCAAGTGGAGCAT
GAGGGGCTGGCCAGCCTCTCACTGTGGACCTAGATTGCGCCGCCAGATCTTCTGTGCTGTGGTGGAA
TCATTCTTGGTTTATTGCTGGTGGTGTGGCCATCGCAGGGGGTGTGCTGCTATGGAACAGGATGCGAAG
TGGGCTGCCAGCCCCATGGCTTTCTCTCAGTGGTGTGACTCTGGCGACCTATTGCCTGGTGGAACTTG
CCCCGGAGGCTGAACCTCAAGGTGTAATGCCTTTCCGGCCACTTCC**TGA**

ACGGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_033351



Insert Size:	1101 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:	<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_033351.2, NP_203502.1</u>
RefSeq Size:	1550 bp
RefSeq ORF:	1101 bp
Locus ID:	29558
UniProt ID:	<u>P13599</u>
Cytogenetics:	1q22
Gene Summary:	binds and transports maternal immunoglobulin gamma from milk; plays a role in providing maternal immunity to neonates [RGD, Feb 2006]