

Product datasheet for **RN213271**

Fcgr2b (NM_175756) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fcgr2b (NM_175756) Rat Untagged Clone
Tag: Tag Free
Symbol: Fcgr2b
Synonyms: CD32; FcgammaRIIB2; Fcgr2; FCR2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213271 representing NM_175756
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

ATGGACAGCAACAGGACTGTCGTCATGTGCTCTCACGGACTTTGTACCATATGCTACTGTGGACAGCTG
TGCTAAATCTTGTGCTGAGTCTCATGCAGGTCTCCGAAGGCTGTGGTAAACTTGAGCCCCATGGAT
CCAGGTGCTTAAGGAAGACTGTGACTGATGTGCGAAGGGACCCACAACCAAGAAGTCTACT
CAGTGGTTTCACAATGGGAGCTCCATCTGGCATCAAGCCCAAGCCAACTACACGTTTAAGCCACAGTCA
ATGATAGTGGAGAATACCGGTGCCGAATGGAGGAGACCGGCATCAGCGAACCATACATCTGGGAGTGAT
TTCTGACTGGCTGCTACTCCAGACCTCTCAACTGGTGTGTTGAAGAAGGGAAACCATCACATTAAGGTGC
CATAGCTGGAAGAACAACAGCTGACTAAGGTCTTGTGTTCCAGAATGGAAAACCTGTGAGGTATTATC
ATCAAAGCAGCAATTTTCAATCCCAAAGCCAACCACAGTCACAGTGGGAACTACTATTGCAAAGCATA
TCTAGGAAGGACAATGCACGTGTCCAAGCCTGTCAACATCACTGTCCAAGAGCCCAATCCAGCAGTTCG
TTGCCGGTATTGACGATTGTAGCTGCTGCTGCGTGAATTGCTGTAGCTGCCATTGTTATTATCCTGGTAT
CCTTGGTCTATCTCAAGAAAAGCAGGTTCCAGACTCCTTCTGGTCTCGAAGAAGCTGAGAAAAATGA
GGTGGAGAATAACAATCACCTATTCACCTTCTCAAGCATCCTGAAGTCCGGATGAAGAATCAGATCACGAC
TACCAGAACCACATT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_175756
Insert Size: 858 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:	NM_175756.1 , NP_786932.1
RefSeq Size:	1414 bp
RefSeq ORF:	858 bp
Locus ID:	289211
UniProt ID:	Q63203
Cytogenetics:	13q24
Gene Summary:	Binds to the Fc region of immunoglobulins gamma. Low affinity receptor. By binding to IgG it initiates cellular responses against pathogens and soluble antigens.[UniProtKB/Swiss-Prot Function]