

Product datasheet for **SC330230**

CD64 (FCGR1B) (NM_001244910) Human Untagged Clone

Product data:

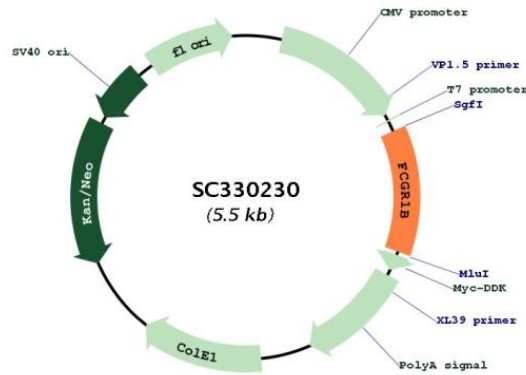
Product Type: Expression Plasmids
Product Name: CD64 (FCGR1B) (NM_001244910) Human Untagged Clone
Tag: Tag Free
Symbol: FCGR1B
Synonyms: CD64b; FCG1; FcgammaRIa; FCGR1; FCGR1A; FcRI; IGFR1; IGFRB
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330230 representing NM_001244910.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTGGTTCTTGACAACCTGCTCCTTTGGGTTCCAGTTGATGGGCAAGTGGACACCACAAAGGCAGTG
ATCACTTTGCAGCCTCCATGGGTCAGCGTGTCCAAGAGGAAACCGTAACCTTGCAGTGTGAGGTGCTC
CATCTGCCTGGGAGCAGCTCCACACAGTGGTTTCTCAATGGCACAGCCACTCAGACCTCGACCCCGCAGC
TACAGAATCACCTCTGCCAGTGTCAATGACAGTGGTGAATACAGGTGCCAGAGAGGTCTCTCAGGGCGA
AGTGACCCCATACAGCTGAAATCCACAGAGGCTGGCTACTACTGCAGGTCTCCAGCAGAGTCTTTCATG
GAAGGAGAACCTCTGGCCTTGAGGTGTCATGCGTGGAAAGGATAAGCTGGTGTACAATGTGCTTTACTAT
CGAAATGGCAAAGCCTTTAAGTTTTTCCACTGGAATTCTAACCTACCATTCTGAAAACCAACATAAGT
CACAATGGCACCTACCATTGCTCAGGCATGGGAAAGCATCGCTACACATCAGCAGGAATATCACAATAC
ACTGTGAAAGAGCTATTTCCAGCTCCAGTGTGAATGCATCTGTGACATCCCCACTCCTGGAGGGGAAT
CTGGTCACCCTGAGCTGTGAAACAAAGTTGCTCTTGCAGAGGCCTGGTTGTAG
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Restriction Sites: Sgfl-Mlul



[View online »](#)

Plasmid Map:


ACCN: NM_001244910

Insert Size: 675 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_001244910.1](#)

RefSeq Size: 1581 bp

RefSeq ORF: 675 bp

Locus ID: 2210

UniProt ID: [Q92637](#)

Cytogenetics: 1p11.2

Protein Families: Transmembrane

MW: 25.2 kDa

Gene Summary: Three distinct, but closely related classes of receptors that bind the Fc portion of IgG have been identified (FcγRI, II and III). The FcγRI family consists of three closely related genes termed A, B, and C. This gene likely encodes a non-functional protein that is not detectable at the cell surface and binds ligand with low affinity. [provided by RefSeq, Nov 2019]

Transcript Variant: This variant (3) contains an alternate 3' terminal exon compared to variant 1. This results in a shorter isoform (3) with a distinct C-terminus compared to isoform 1.