

Product datasheet for **SC213697**

CD16 (FCGR3A) (NM_001127592) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CD16 (FCGR3A) (NM_001127592) Human 3' UTR Clone
Symbol:	CD16
Synonyms:	CD16; CD16A; FCG3; FCGR3; FCGR3III; FCR-10; FCR3III; FCR3IIIA; IGFR3; IMD20
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001127592
Insert Size:	1256 bp



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Insert Sequence: >SC213697 3' UTR clone of NM_001127592
The sequence shown below is from the reference sequence of NM_001127592. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

TGGAGAAAGGACCCTCAAGACAAA**TG**ACCCCATCCCATGGGGTAATAAGAGCAGTAGCAGCAGCATCT
CTGAACATTTCTCTGGATTTGCAACCCCATCATCCTCAGGCCTCTCTACAAGCAGCAGGAAACATAGAAC
TCAGAGCCAGATCCCTTATCCAACCTCTCGACTTTTCTTGGTCTCCAGTGAAGGGAAAAGCCCATGATC
TTCAAGCAGGGAAGCCCAAGTGAAGTGCATTCCTAGAAAATTGAAGTTTCAGAGCTACACAAACACTT
TTTCTGTCCCAACCGTCCCTCACAGCAAAGCAACAATACAGGCTAGGGATGGTAATCCTTTAACATAC
AAAAATTGCTCGTGTATAAAATTACCCAGTTTAGAGGGGAAAAAAAAACAATTATTCCTAAATAAATGGA
TAAGTAGAATTAATGGTTGAGGCAGGACCATACAGAGTGTGGAACTGCTGGGGATCTAGGGAATTCAGT
GGGACCAATGAAAGCATGGCTGAGAAATAGCAGGTAGTCCAGGATAGTCTAAGGGAGGTGTTCCCATCTG
AGCCCAGAGATAAGGGTGTCTTCTAGAACATTAGCCGTAGTGAATTAACAGGAAATCATGAGGGTGAC
GTAGAATTGAGTCTTCCAGGGGACTCTATCAGAACTGGACCATCTCCAAGTATATAACGATGAGTCTCT
TAATGCTAGGAGTAGAAAATGGTCTAGGAAGGGGACTGAGGATTGCGGTGGGGGTGGGGTGGAAAAGA
AAGTACAGAACAACCCCTGTGTCAGTGTCCCAAGTTGCTAAGTGAACAGAACTATCTCAGCATCAGAATG
AGAAAGCCTGAGAAGAAAGAACAACCAAGCACACAGGAAGGAAAGCGCAGGAGGTGAAAATGCTTTC
TTGGCCAGGGTAGTAAGAATTAGAGGTTAATGCAGGGACTGTAACCACCTTTTCTGCTTCAATATCTA
ATTCTGTGTAGCTTTTGTTCATTGCATTTATTAACAATGTTGTATAACCAATACTAAATGTAAGTACTG
AGCTTCGCTGAGTTAAGTTATGAAACTTCAAATCCTTCATCATGTCAGTTCCAATGAGGTGGGGATGGA
GAAGACAATTGTGCTTATGAAAGAAAGCTTTAGCTGTCTCTGTTTTGTAAGCTTTAAGCGCAACATTTT
TTGTTCCAATAAAGCATTTTACAAGATCTTGCATGCTACTCTTAGATAGAAGATGGGAAAACCAT

ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001127592.1](#)

Summary:

This gene encodes a receptor for the Fc portion of immunoglobulin G, and it is involved in the removal of antigen-antibody complexes from the circulation, as well as other responses, including antibody dependent cellular mediated cytotoxicity and antibody dependent enhancement of virus infections. This gene (FCGR3A) is highly similar to another nearby gene (FCGR3B) located on chromosome 1. The receptor encoded by this gene is expressed on natural killer (NK) cells as an integral membrane glycoprotein anchored through a transmembrane peptide, whereas FCGR3B is expressed on polymorphonuclear neutrophils (PMN) where the receptor is anchored through a phosphatidylinositol (PI) linkage. Mutations in this gene are associated with immunodeficiency 20, and have been linked to susceptibility to recurrent viral infections, susceptibility to systemic lupus erythematosus, and alloimmune neonatal neutropenia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2020]

Locus ID:

2214