

Product datasheet for **RG204496**

CD32B (FCGR2B) (NM_001002275) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | CD32B (FCGR2B) (NM_001002275) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | CD32B |
| Synonyms: | CD32; CD32B; FCG2; FCGR2; FCGR2C; FcRII-c; IGFR2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG204496 representing NM_001002275 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGAATCCTGTCATTCTTACCTGTCCTTGCCACTGAGAGTGACTGGGCTGACTGCAAGTCCCCCAGC
CTTGGGGTCATATGCTTCTGTGGACAGCTGTGCTATTCTGGCTCCTGTTGCTGGGACACCTGCAGCTCC
CCCAAAGGCTGTGCTGAAACTCGAGCCCCAGTGGATCAACGTGCTCCAGGAGGACTCTGTGACTTGACA
TGCCGGGGGACTCACAGCCCTGAGAGCGACTCCATTCAAGTGGTCCACAATGGGAATCTCATTCCCACCC
ACACGCAGCCCAGCTACAGGTTCAAGGCCAACAACAATGACAGCGGGGAGTACACGTGCCAGACTGGCCA
GACCAGCCTCAGCGACCCTGTGCATCTGACTGTGCTTTCTGAGTGGCTGGTGTCCAGACCCTCACCTG
GAGTTCAGGAGGGAGAAACCATCGTGCTGAGGTGCCACAGCTGGAAGGACAAGCCTCTGGTCAAGGTCA
CATTCTCCAGAAATGAAAATCCAAGAAATTTTCCCGTTCGGATCCCAACTTCTCCATCCCAAGCAAA
CCACAGTCACAGTGGTGATTACCACTGCACAGGAAACATAGGCTACACGCTGACTCATCCAAGCCTGTG
ACCATCACTGTCCAAGCTCCCAGCTCTTACCGATGGGGATCATTGTGGCTGTGGTCACTGGGATTGCTG
TAGCGGCCATTGTTGCTGCTGTAGTGGCCTTGATCTACTGCAGGAAAAAGCGGATTTCACTCTCCCAGG
ATACCTGAGTGCAGGAAATGGGAGAGACCCTCCCTGAGAAACCAGCCAATCCCCTAATCCTGATGAG
GCTGACAAAGTTGGGGCTGAGAACACAATCACCTATTCCTTCTCATGCACCCGGATGCTCTGGAAGAGC
CTGATGACCAGAACCCTATT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_001002275.1](#), [NP_001002275.1](#)

RefSeq Size: 1630 bp

RefSeq ORF: 930 bp

Locus ID: 2213

UniProt ID: [P31994](#)

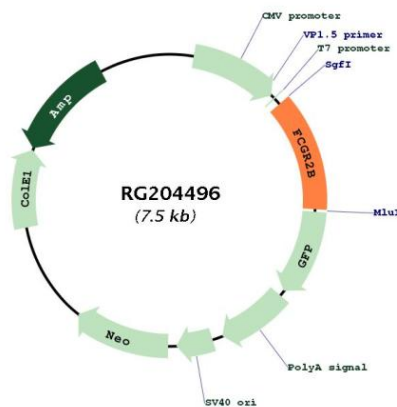
Cytogenetics: 1q23.3

Protein Families: ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: B cell receptor signaling pathway, Fc gamma R-mediated phagocytosis, Systemic lupus erythematosus

Gene Summary: The protein encoded by this gene is a low affinity receptor for the Fc region of immunoglobulin gamma complexes. The encoded protein is involved in the phagocytosis of immune complexes and in the regulation of antibody production by B-cells. Variations in this gene may increase susceptibility to systemic lupus erythematosus (SLE). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]

Product images:



Circular map for RG204496