

## Product datasheet for **RG205786**

### CD32A (FCGR2A) (NM\_021642) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CD32A (FCGR2A) (NM_021642) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CD32A
Synonyms:	CD32; CD32A; CDw32; FCG2; FcGR; FCGR2; FCGR2A1; IGFR2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG205786 representing NM_021642 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACTATGGAGACCCAAATGTCTCAGAATGTATGTCCCAGAAACCTGTGGCTGCTTCAACCATTGACAG  
TTTTGCTGCTGGCTTCTGCAGACAGTCAAGCTGCTCCCCAAAGGCTGTGCTGAAACTTGAGCCCC  
GTGGATCAACGTGCTCCAGGAGGACTCTGTGACTCTGACATGCCAGGGGGCTCGCAGCCCTGAGAGCGAC  
TCCATTCACTGGTCCACAATGGGAATCTCATTCCCACCCACACGCAGCCAGCTACAGGTTCAAGGCCA  
ACAACAATGACAGCGGGGAGTACACGTGCCAGACTGGCCAGACCAGCCTCAGCGACCCTGTGCATCTGAC  
TGTGCTTTCCGAATGGCTGGTGTCTCCAGACCCCTCACCTGGAGTTCAGGAGGGAGAAACCATCATGCTG  
AGGTGCCACAGCTGGAAGGACAAGCCTCTGGTCAAGGTACATTCTCCAGAATGGAAAAATCCAGAAAT  
TCTCCCGTTTGGATCCCACCTTCTCCATCCCACAAGCAAACCACAGTACAGTGGTGATTACCACTGCAC  
AGGAAACATAGGCTACACGCTGTCTCATCCAAGCCTGTGACCATCACTGTCCAAGTGCCAGCATGGGC  
AGCTCTTACCAATGGGGATCATTGTGGCTGTGGTCAATGCGACTGCTGTAGCAGCCATTGTTGCTGCTG  
TAGTGGCCTTGATCTACTGCAGGAAAAAGCGGATTCAGCCAATCCACTGATCCTGTGAAGGCTGCCCA  
ATTTGAGCCACCTGGACGTCAAATGATTGCCATCAGAAAGAGACAACCTGAAGAAACCAACAATGACTAT  
GAAACAGCTGACGGCGGCTACATGACTTGAACCCAGGGCACCTACTGACGATGATAAAAAATCTACC  
TGACTTTCCTCCAACGACCATGTCAACAGTAATAAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

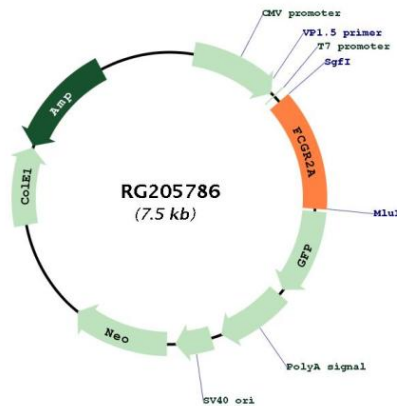


[View online »](#)



<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_021642.2</a> , <a href="#">NP_067674.2</a>
<b>RefSeq Size:</b>	2411 bp
<b>RefSeq ORF:</b>	951 bp
<b>Locus ID:</b>	2212
<b>UniProt ID:</b>	<a href="#">P12318</a>
<b>Cytogenetics:</b>	1q23.3
<b>Domains:</b>	ig, IGC2, IG
<b>Protein Families:</b>	ES Cell Differentiation/IPS, Transmembrane
<b>Protein Pathways:</b>	Fc gamma R-mediated phagocytosis, Systemic lupus erythematosus
<b>Gene Summary:</b>	This gene encodes one member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2008]

### Product images:



Circular map for RG205786