

Product datasheet for **RG215284**

CD79A (NM_021601) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CD79A (NM_021601) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CD79A
Synonyms: IGA; MB-1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG215284 representing NM_021601
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTGGGGTCCAGGAGTCTCCAAGCTCTGCCTGCCACCATCTTCTCTCTTCTGCTGTCTGCTG
 TCTACCTGGGCCCTGGGTGCCAGGCCCTGTGGATGCACAAGGTCCCAGCATCATTGATGGTGAGCCTGGG
 GGAAGACGCCACTTCCAATGCCCGCACAATAGCAGCAACAACGCCAACGTCACCTGGTGGCGCGTCTCT
 CATGGCAACTACAGTGGCCCCCTGAGTCTTGGGCCGGGCGAGGACCCCAATGAGCCGCCCCAGCC
 CCTTCTGGACATGGGGAGGGCACAAGAACCGAATCATCACAGCCGAGGGGATCATCCTCTGTTCTG
 CGCGTGGTGCCTGGGACGCTGCTGTTTCAGGAAACGATGGCAGAACGAGAAGCTCGGGTGGATGCC
 GGGATGAATATGAAGATGAAAACCTTTATGAAGGCTGAACCTGGACGACTGCTCCATGTATGAGGACA
 TCTCCCGGGCCCTCCAGGGCACCTACCAGGATGTGGGCAGCCTCAACATAGGAGATGTCCAGCTGGAGAA
 GCCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG215284 representing NM_021601
 Red=Cloning site Green=Tags(s)

MPGGPGVLQALPATIFLLFLLSAVYLGPGCQALWMHKVPASLMVSLGEDAHFQCPHNSNNANVTWWRVL
 HGNYTWPEFLGPGEDPNEPPRPFLDMGEGTKNRIITAEGIILLFCAVVPGLLLLFRKRWQNEKLGDA
 GDEYEDENLYEGLNLDCCSMYEDISRGLQGTQYQDVGSLNIGDVQLEKP

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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_021601.4](#)

RefSeq Size: 1132 bp

RefSeq ORF: 567 bp

Locus ID: 973

UniProt ID: [P11912](#)

Cytogenetics: 19q13.2

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: B cell receptor signaling pathway, Primary immunodeficiency

Gene Summary: The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-alpha protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]