

Product datasheet for RC217693

CD79B (NM 021602) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CD79B (NM_021602) Human Tagged ORF Clone

Tag: Myc-DDK
Symbol: CD79B

Synonyms: AGM6; B29; IGB

Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

ORF Nucleotide >RC217693 representing NM_021602

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGCCAGGCTGGCGTTGTCTCCTGTGCCCAGCCACTGGATGGTGGCGTTGCTGCTGCTGCTCTCAGCTG
AGCCAGTACCAGCAGCCAGATCGGAGGACCGGTACCGGAATCCCAAAGGATTCAGCACCTTGGCACAGCT
GAAGCAGAGGAACACGCTGAAGGATGGTATCATCATGATCCAGACGCTGCTGATCATCCTCTTCATCATC
GTGCCTATCTTCCTGCTGCTGGACAAGGATGACAGCCAGGGCTGGCATGGAGGAAGATCACACCTACGAGG
GCCTGGACATTGACCAGACAGCCACCTATGAGGACATAGTGACGCTGCGGACAGGGGAAGTGAAGTGGTC

TGTAGGTGAGCACCCAGGCCAGGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC217693 representing NM_021602

Red=Cloning site Green=Tags(s)

MARLALSPVPSHWMVALLLLLSAEPVPAARSEDRYRNPKGFSTLAQLKQRNTLKDGIIMIQTLLIILFII

VPIFLLLDKDDSKAGMEEDHTYEGLDIDQTATYEDIVTLRTGEVKWSVGEHPGQE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

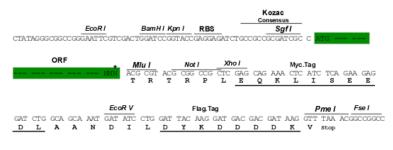
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_021602

ORF Size: 375 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: <u>NM 021602.4</u>

RefSeq Size: 958 bp
RefSeq ORF: 378 bp
Locus ID: 974



UniProt ID: P40259
Cytogenetics: 17q23.3

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: B cell receptor signaling pathway

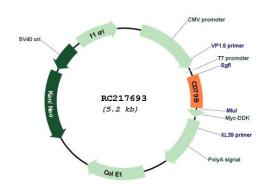
MW: 11 kDa

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-beta protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described.

[provided by RefSeq, Jul 2008]

Product images:



Circular map for RC217693