

Product datasheet for **SC321002**

CD79B (NM_001039933) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CD79B (NM_001039933) Human Untagged Clone
Tag: Tag Free
Symbol: CD79B
Synonyms: AGM6; B29; IGB
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001039933.1
 CAAGGAGCCTCGGACGTTGTACGGGTTTGGGGTCGGGGACAGCGGTGACCATGGCCA
 GGCTGGCGTTGTCTCCTGTGCCAGCCACTGGATGGTGGCGTTGTGCTGCTGCTCTCAG
 CTGAGCCAGTACCAGCAGCCAGATCGGAGGACCGGTACCGGAATCCCAAAGGTAGTGCTT
 GTTCGCGGATCTGGCAGAGCCACGTTTCATAGCCAGGAAACGGGGCTTACGGTGAAAA
 TGCACTGCTACATGAACAGCGCCTCCGGCAATGTGAGCTGGCTCTGGAAGCAGGAGATGG
 ACGAGAATCCCCAGCAGCTGAAGCTGGAAGGGCCGCATGGAAGAGTCCCAGAACGAAT
 CTCTCGCCACCCTCACCATCCAAGGCATCCGGTTTGAGGACAATGGCATCTACTTCTGCC
 AGCAGAAGTGCAACAACCTCGGAGGTCTACCAGGGCTGCGGCACAGAGCTGCGAGTCA
 TGGGATTGAGCACCTTGGCACAGCTGAAGCAGAGGAACACGCTGAAGGATGGTATCATCA
 TGATCCAGACGCTGCTGATCATCTCTTCATCATCGTGCCTATCTTCCTGCTGCTGGACA
 AGGATGACAGCAAGGCTGGCATGGAGGAAGATCACACCTACGAGGGCCTGGACATTGACC
 AGACAGCCACCTATGAGGACATAGTGACGCTGCGGACAGGGGAAGTGAAGTGGTCTGTAG
 GTGAGCACCCAGGCCAGGAGTGAGAGCCAGGTGCGCCCATGACCTGGGTGACGGCTCCCT
 GGCTCAGTGACTGCTTCGGAGCTGCCTGGCTCATGGCCAAACCCCTTCCCGGACCCCC
 CAGCTGGCCTCTGAAGCTGGCCACCAGAGCTGCCATTTGTCTCCAGCCCTGGTGTCCA
 GCTCTTGCCAAAGGGCCTGGAGTAGAAGGACAACAGGGCAGCAACTTGGAGGGAGTTCTC
 TGGGGATGGACGGGACCCAGCCTTCTGGGGTGCTATGAGGTGATCCGTCCCCACACATG
 GGATGGGGGAGGCAGAGACTGGTCCAGAGCCCGAAATGGACTCGGAGCCGAGGGCCTCC
 CAGCAGAGCTTGGGAAGGCCATGGACCAACTGGGCCCCAGAAGGCCACAGGAACATC
 ATTCTCTCCCGCAACCACTCCCAACCCAGGGAGGCCCTGGCCTCCAGTGCCTTCCCCCG
 TGGAAATAACGGTGTGTCTGAGAAACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAACCTCGGG

Restriction Sites: Please inquire
ACCN: NM_001039933



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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_001039933.1</u> , <u>NP_001035022.1</u>
RefSeq Size:	1303 bp
RefSeq ORF:	693 bp
Locus ID:	974
UniProt ID:	<u>P40259</u>
Cytogenetics:	17q23.3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	B cell receptor signaling pathway
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) represents the longest transcript and encodes the longest isoform (3).</p>