

Product datasheet for **SC303068**

CD79A (NM_001783) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD79A (NM_001783) Human Untagged Clone
Tag:	Tag Free
Symbol:	CD79A
Synonyms:	IGA; MB-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001783 edited AACCAACCCACTGGGAGAAGATGCCTGGGGTCCAGGAGTCCCTCCAAGCTCTGCCTGCCA CCATCTTCTCCTTTCCTGCTGTCTGCTGTCTACCTGGGCCCTGGGTGCCAGGCCCTGT GGATGCACAAGGTCCCAGCATCATTGATGGTGAGCCTGGGGGAAGACGCCCACTTCCAAT GCCCGCACAATAGCAGCAACAACGCCAACGTACCTGGTGGCGCGTCCTCCATGGCAACT ACACGTGGCCCCCTGAGTTCTTGGGCCCGGGCAGGACCCCAATGGTACGCTGATCATCC AGAATGTGAACAAGAGCCATGGGGGCATATACGTGTGCCGGTCCAGGAGGGCAACGAGT CATACCAGCAGTCTGCGGCACCTACCTCCGCGTGCGCCAGCCGCCCCAGGCCCTTCC TGGACATGGGGGAGGGCACCAAGAACCGAATCATCACAGCCGAGGGGATCATCTCCTGT TCTGCGCGGTGGTGCCTGGGACGCTGCTGCTGTTGAGAAACGATGGCAGAACGAGAAGC TCGGGTTGGATGCCGGGGATGAATATGAAGATGAAAACCTTTATGAAGGCCTGAACCTGG ACGACTGCTCCATGTATGAGGACATCTCCGGGGCCTCCAGGGCACCTACCAGGATGTGG GCAGCCTCAACATAGGAGATGTCCAGCTGGAGAAGCCGTGACACCCCTACTCCTGCCAGG CTGCCCGCCTGCTGTGCACCCAGCTCCAGTGTCTCAGCTCACTT



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_001783 unedited GTTACCTATTTGTAATACGACTCACTATAGGGCGGCCGNATTCANATCTGGTACCGA GCTCGGATCCACTAGTAACGGCCGCCAGTGTGCTGGAATTCGCCCTTTAACCAACCCACT GGGAGAAGATGCCTGGGGTCCAGGAGTCTCCAAGCTCTGCCTGCCACCATCTTCTCTCC TCTTCTGCTGTCTGCTGTCTACCTGGGCCCTGGGTGCCAGGCCCTGTGGATGCACAAGG TCCCAGCATCATTGATGGTGAGCCTGGGGGAAGACGCCCACTTCCAATGCCCGCACAATA GCAGCAACAACGCCAACGTCACCTGGTGGCGCTCCTCCATGGCAACTACACGTGGCCCC CTGAGTTCCTGGGCCCGGGCGAGGACCCCAATGGTACGCTGATCATCCAGAATGTGAACA AGAGCCATGGGGGCATATACGTGTGCCGGTCCAGGAGGCAACGAGTCATACCAGCAGT CCTGCGGCACCTACCTCCGCGTGCAGCCAGCCGCCCCAGGCCCTTCTGGACATGGGGG AGGGCACCAAGAACCGAATCATCACAGCCGAGGGGATCATCTCTGTTCTGCGCGGTGG TGCCTGGGACGCTGCTGTCTCAGGAAACGATGGCAGAACGAGAAGCTCGGGTTGGATG CCGGGGATGAATATGAAGATGAAAACCTTTATGAAGGCCTGAACCTGGACGACTGCTCCA TGTATGAGGACATCTCCGGGGCTCCAGGGCACCTACCANNATGTGGCAGCCCTCACA TAGGAGATGTCCAGCTGGAGAAGCCGTGACA
Restriction Sites:	Please inquire
ACCN:	NM_001783
Insert Size:	800 bp
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:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	NM_001783.3 , NP_001774.1
RefSeq Size:	1258 bp
RefSeq ORF:	681 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]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).