

Product datasheet for **SC304940**

CD79A (NM_021601) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD79A (NM_021601) 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 ORF sequence for NM_021601 edited ATGCTGGGGTCCAGGAGTCCCAAGCTCTGCCTGCCACCATCTTCTCCTCTTCTCCTG CTGTCTGCTGTCTACCTGGGCCCTGGGTGCCAGGCCCTGTGGATGCACAAGTCCCAGCA TCATTGATGGTGAGCCTGGGGGAAGACGCCCACTTCCAATGCCCGCACAATAGCAGCAAC AACGCCAACGTACCTGGTGGCGCTCCTCCATGGCAACTACACGTGGCCCCCTGAGTTC TTGGGCCCGGGCAGGACCCCAATGAGCCGCCCCAGGCCCTTCTGGACATGGGGGAG GGCACCAAGAACCGAATCATCACAGCCGAGGGGATCATCTCTCTGCTGCGGGTGGT CCTGGGACGCTGCTGCTTTCAGGAAACGATGGCAGAACGAGAAGCTCGGGTTGGATGCC GGGGATGAATATGAAGATGAAAACCTTTATGAAGGCCTGAACCTGGACGACTGCTCCATG TATGAGGACATCTCCCGGGCCTCCAGGGCACCTACCAGGATGTGGGCAGCCTCAACATA GGAGATGTCCAGCTGGAGAAGCCGTGACACCCCTACTCCTGCCAGGCTGCCCCCGCTGC TGTGCACCCAGCTCCAGTGTCTCAGCTCACTTAAGGC
Restriction Sites:	Please inquire
ACCN:	NM_021601
Insert Size:	600 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 ORF of this clone has been fully sequenced and found to be a perfect match to NM_021601.2.



[View online »](#)

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_021601.2</u> , <u>NP_067612.1</u>
RefSeq Size:	1132 bp
RefSeq ORF:	567 bp
Locus ID:	973
UniProt ID:	<u>P11912</u>
Cytogenetics:	19q13.2
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	B cell receptor signaling pathway, Primary immunodeficiency
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-alpha 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 (2) uses an alternate in-frame splice site compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p>