

Product datasheet for **MC201002**

Cd79b (NM_008339) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd79b (NM_008339) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cd79b
Synonyms: B29; Ig; Ig-be; Ig-beta; Igb; Igbe; Igbeta
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC012226 sequence for NM_008339
 GTTTCGCCCCAAACCTCCTTGGGCTCAGAGACAGAGCAGTGACCATGGCCACACTGGTGTCTTCCA
 TGCCCTGCCACTGGCTGTTGTTCTGCTGCTCTTCTCAGGTGAGCCGGTACCAGCAATGACAAGCAG
 TGACCTGCCACTGAATTTCCAAGGAAGCCCTTGTTCAGATCTGGCAGCACCCGAGTTTGCAGCCAAA
 AAGCGGAGCTCCATGGTGAAGTTTCACTGCTACACAAACCACTCAGGTGCACTGACCTGGTCCGAAAGC
 GAGGGAGCCAGCAGCCCCAGGAAGTGGTCTCAGAAGAGGGACGCATTGTGCAGACCCAGAATGGCTCTGT
 CTACACCCTCACTATCCAAAACATCCAGTACGAGGATAATGGTATCTACTTCTGCAAGCAGAAATGTGAC
 AGCGCAACCATAATGTCACCGACAGCTGTGGCACGGAATTCTAGTCTTAGGATTACAGCACGTTGGACC
 AACTGAAGCGGCGGAACACACTGAAAGATGGCATTATCTTGATCCAGACCCTCCTCATCCTCTTCAT
 CATTGTGCCATCTTCTGCTACTTGACAAGGATGACGGCAAGGCTGGGATGGAGGAAGATCACACCTAT
 GAGGGCTTGAACATTGACCAGACAGCCACCTATGAAGACATAGTGACTCTTCGGACAGGGGAGGTAAGT
 GGTCGGTAGGAGAGCATCCAGGCCAGGAATGAGGGTCACCTTCATCCTGCTCAACTCTTGGGCCTACTG
 CTTCCAAACCGCCTGGCTCACAAGCCATTCCCTGCTTCCCTGGATACCCCGGCCAGCGTCTGAAGCTGGA
 CCATCAATACCACCTCTCATTCTAGCCCCCTGGTCCCCAGCTCTTGCTGAAGGGCCTGGGGTGAAGGACA
 ATAGGGTGGTGACATGGAGTAAGGAGTTCTCTGGGGATAGACTTGACCCAAGGCTTCTGGGAGTGCCATG
 TGGGATCTGTCCCATGTTTGGGACAGGAAAGCAGAGACTTGTGGAAATCTGCAATGGACTCAGAACAC
 ACTGGCTTCAAGAGGAGTCTAGGAGGACCATGGTTCACACTGACACCTGAAGAAGTTGCCAGAATGCCAT
 TTCTCTCTCCATTCCAAGGATCACCCAAAGCCTACAGCCCACCTCCTGTGGAATAAATAATGTGCCTG
 ACACCAGAAA

Restriction Sites: RsrII-NotI
ACCN: NM_008339
Insert Size: 687 bp



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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).
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:	BC012226 , AAH12226
RefSeq Size:	1232 bp
RefSeq ORF:	687 bp
Locus ID:	15985
UniProt ID:	P15530
Cytogenetics:	11 68.89 cM
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, Sep 2015]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>