

Product datasheet for **MC209643**

Vpreb2 (NM_016983) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Vpreb2 (NM_016983) Mouse Untagged Clone

Tag: Tag Free

Symbol: Vpreb2

Synonyms: CD179b; Vpreb-2; VpreB1

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC209643 representing NM_016983
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCCTGGACGTCTGTCTGCTCATGCTGCTGGCCACCTCACAGTTGTGGCCCTCAGCCCATGGTGC
ATCAGCCACCATCAGCATCTTCTCCCTGGAGCCACCATCCGCCTCTCCTGTACCCTGAGCAACGACCA
TAACATTGGCATTACAGCATTTACTGGTACCAGCAGAGGCCGGGCCACCCTCCAGGTTCTGCTGAGA
TACTTCTCACTCAGACAAGCACCAGGGTCCCGATATCCACCTCGTTCTCCGGGTCCAAAGATACGG
CCAGGAACCTGGGGTATCTGAGCATCTCTGAAGTGCAGCCTGAGGACGAGGCTGTGTATTACTGCGCTGT
GGGGCTCCGGAGCCACGAAAAGAAGAGAATGGAGAGAGAGTGGGAAGGAGAAAAGTCGTATACAGATTG
GGATCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_016983

Insert Size: 429 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).



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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_016983.1 , NP_058679.1
RefSeq Size:	429 bp
RefSeq ORF:	429 bp
Locus ID:	22363
UniProt ID:	P13373
Cytogenetics:	16 11.14 cM
Gene Summary:	Associates with the Ig-mu chain to form a molecular complex that is expressed on the surface of pre-B-cells. This complex presumably regulates Ig gene rearrangements in the early steps of B-cell differentiation.[UniProtKB/Swiss-Prot Function]