

Product datasheet for **MC223443**

Abl2 (NM_001136104) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Abl2 (NM_001136104) Mouse Untagged Clone
Tag: Tag Free
Symbol: Abl2
Synonyms: AA536808; Abl1; Arg
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223443 representing NM_001136104
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGCAGCAGGTGGGCCGCTCGGGGAGGCTCCGGGGCTCCAGCAGCCGAGCCGCGGGATCCGGG
 GCAGCAGCGCAGCCAGGCCCTCGGGCCGACGGCGGGACCCGCGGGGCGTACCGCAGACGCCGGCTTCAA
 CGTCTTACCCAGCAGCAGTCACTTTGCCAGCTGTGTGGAGGATGGATTTGAGGGAGACAAGACTGGAGGC
 AGTAGTCCAGAAGTTTTGCACCGCCGTTTGGCTGTGATGCTGAATCTCAGGCAGTGAATGAAGCGATCA
 GGTGGAGCTCAAGGAGAACTTGTCTGGGAGCCACTGAGAGTGACCCTAATCTCTTTGTTGCACTTTATGA
 CTTTGTGGCAAGTGGTGATAACACACTCAGTATCACTAAAGGTGAAAAGCTGCGAGTCTTTGGTTATAAC
 CAGAATGGCGAGTGGAGTGAAGTTTCGCTCCAAGAATGGACAGGGTTGGGTGCCAAGCACTACATCACTC
 CAGTTAATAGCCTGGAGAAAATTCTGGTACCACGGACCTGTATCCCGCAGCGCAGCAGAGTATCTCCT
 CAGCAGCCTAATCAATGGCAGCTTCTGGTTCGAGAGAGTGAGAGCAGCCCTGGGCAGCTGTCCATCTCT
 CTCAGGTATGAGGGACGTGTGTACTACAGGATCAATACCACCACAGACAGCAAGGTGTACGTGACAG
 CTGAGAGCCGCTTTAGCACCTTGGCAGAGCTTGTTCACCACCCTCCACAGTTGCTGATGGGCTAGTGAC
 CACGCTGCACTACCCAGCACCGAAGTGCAACAAGCCAACCGTCTATGGCGTGTCTCTATCCATGACAAG
 TGGGAAATGGAACGAGACAGATATCACCATGAAGCACAACTTGGGGGCGGTACGTACGGAGAGGTTTACG
 TTGGCGTCTGGAAGAAGTACAGCCTTACAGTGGCTGTGAAAACACTGAAGGAAGACACCATGGAGGTGGA
 GGAGTTCTGAAGGAAGCTGCAGTGATGAAGGAGATCAAGCATCCTAACTTAGTACAAGTCTAGGTGTG
 TGTACCCTGGAGCCACCGTTTTACATTGTGACTGAATACATGCCGTATGGGAACCTGCTTACTATCTCC
 GGGAGTGCAGCCGAGAGGAGGTGACCGCGTCTGTTACTTTACATGGCCACCCAGATCTCCTCTGCCAT
 GGAGTACTTGAGAAGAAGAATTCATCCATAGAGATCTTGTGCCCGGAAGTGCCTAGTGGGCGAGAAC
 CATGTGGTGAAGTGGCCGACTTTGGTTAAGTAGACTGATGACTGGAGATACCTACACTGCTCATGCTG
 GAGCCAAATTTCTATTAATGGACAGCACCCGAGAGTCTGGCCTACAATACCTTTTCAATTAATCTGA
 CGTTTGGGCGTTTGGAGTACTGTTGTGGGAAATTGCTACATATGGAATGTACCATATCCAGGTATTGAC
 CTATCTCAAGTCTATGACCTACTGGAAAAGGATATCGAATGGAACAGCCTGAGGGATGCCCCCTAAAG



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TGTATGAACTTATGAGAGCATGCTGGAAGTGGAGCCCTGCTGACAGGCCCTCTTTTGTGAAACCCATCA
 AGCTTTTAAACAATGTTCCATGACTCCAGCATCTCTGAAGAGGTAGCTGAGGAGCTTGGGAGAACGGCC
 TCCTCCTCCTCTGTGGTTCCATACCTGCCTCGGTTACCGCTGCTTCTTCCAAGACGAGGACCCTGAGGA
 AGCAGGGGGAGAACAAGAGAACCTAGATGGGGCCCTTGATGCCGCCGAGAGCCTGGCCTCCAGCTCAGC
 ACCAGCAGGGTTCATTAGAAGCACACAGGCCTCCAGTGGGTCCCCAGCTCGCTCGAAAGCAAAGAGAT
 AAGTCGCCCAGCAGCCTTTAGAAGATGCCAAAGAGACATGCTTTACCAGGGATAGGAAGGGGGCTTCT
 TCAGCTCCTTTCAGAAAAGAGGAACGCCCCACGCCCCGAAGCGCAGCAGCTCCTTTGAGAAAATGGA
 GAATCAGCCCCACAAGAAATATGAACTCACGGGGCTTCCAGAGCAGGATAGGATGGCAATGACCCTTCCC
 AGGAACTGCCAGAGGTCCAACTCCAGCTGAAAAGGACAGTGCCACCTTCTCAACCAGAAGAGAATG
 TGGACAGGGCTAATGACATGCTTCAAAAAAATCTGAGGAAGGTGCTGCTCCAGCCAGGGAGAGACAAA
 AGCCAACTATTGCCAGAGGAGCCACAGCTTCCCTTGAGAGCCCCTGATCCAGCCATCACAGAGAGT
 GACTCTCCGGGGTAGGGGTGGCTGGAGTGGCAGCTGCCCCAAAGGCAAGGAAAGGAATGGTGGGACGC
 GACTTGGAGTCGCTGGAGTCCCCGAGGATGGAGAGCAGCTAGGCTGGTCTTCTCCAGCCAAGGCTGTAGC
 TGTCTCCAACCACTCACAAACCAAAGTGCCAGTCTTATCTCTCCACTCTGAAACACACTCCAGCT
 GATGTGCAGCTCATTGGCACAGACTCTCAGGGGAACAAATCAAGCTCTTATCTGAGCATCAGGTCACAT
 CCTCTGGAGACAAGGACCACCCCGTCGGTAAAACCAAAGTGTGCCCCACCCCCACCAGTGATGAG
 ACTACTGCAGCATCCGTCCACATGCTCAGACCCCGAGGAAGAGCCGACTGCCCCACTGCAGGACAGCAC
 ACTCCAGAGACCCAGGAGGGAGGAAAAAGGCAGCTCCAGGCCCAATGCCAGTAGTGGGAAACCTGGGA
 GGCCAGTCATGCCTCCACCTCAAGTGCCTTTGCCACATCTTCCATCTCACCGGCCAAAAATGGCCAAATG
 CACAGCAGGTAAGGTGGCCCTGAGGAAAACCAAACAGGCAGCTGAGAAAATCTCAGCTGACAAAATC
 AGCAAAGAGGCCCTGCTGGAGTGTGCCGACCTACTGTCCAGTGAATCACGGAACCTGTGCCAACAGCC
 AACTGGTGGACTGGGCACCAGCTGCTCGACTACTGCTCAGGGTATGTGGACAGCATCCCTCAGACTCG
 CAACAAGTTTGCCTTCCGAGAGGCTGTGAGCAAACCTGGAACCTAGCTTACAGGAGCTGCAGGTGTCTCC
 ACAGCTGCTGGTGTGCCGGGACAAACCCCGTCCTTAATAACTTATTGTCTGTGTACAGGAAATTAGCG
 ATGTGGTGCAGAGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001136104
- Insert Size:** 3237 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).
- 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.
- RefSeq:** [NM_001136104.1](#), [NP_001129576.1](#)

RefSeq Size: 10402 bp
RefSeq ORF: 3237 bp
Locus ID: 11352
Cytogenetics: 1 67.71 cM