

Product datasheet for **RN217502**

Abl1 (NM_001100850) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Abl1 (NM_001100850) Rat Untagged Clone
Tag: Tag Free
Symbol: Abl1
Synonyms: Abl
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217502 representing NM_001100850
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGCAGCAGCCTGAAAAAGTACTTGGGGACCAAAGAAGGCCTAGTTTGCCCGCCTACATTTTATCA
AAGGGGCAGGGAAGAGGGACTCATCGAGACATGGGGGCCCACTGCAATGTCTTTGTGGAACATGAAGC
CCTGCAGAGGCCAGTGGCCTCTGACTTTGAGCCCCAGGGTCTCAGCGAAGCAGCTCGATGGAACCCAAG
GAAAACCTTCTTGCTGGGCCAGCGAAAATGACCCCAACCTTTTTGTGGCACTCTATGATTTGTGGCCA
GTGGAGACAACACTCTCAGCATCACTAAAGCGGAGAAGCTCCGGGTCTTAGGTTATAATCACAATGGGGA
GTGGTGTGAAGCCAAACGAAAAATGGCCAAGGATGGGTCCCAAGCAACTACATCACCCCTGTCAACAGC
CTGGAGAAGCACTCCTGGTATCACGGGCCCGTGTCTCGAAACGCTGCAGAGTACCTGCTGAGCAGTGGGA
TCAACGGCAGCTTCTTAGTTCGGGAGAGCGAGAGCAGCCCGGCCAGAGGTCCATCTCGTGCAGTATGA
AGGGAGGGTGTACCACTACAGGATCAACACTGCCTCTGATGGCAAGCTCTACGTCTCCTCGGAGAGCCGC
TTCAACTCTGGCCGAGTTAGTTCACCATCATTCCACTGTGGCTGACGGGCTCATCACCACACTGCACT
ACCCAGTCCCAAGCGCAACAAGCCCACCATCTACGGCGTGTCCCAACTATGACAAGTGGGAAATGGA
GGCAGCAGACATACCATGAAGCACAAGCTGGGGAGGAGCCAGTACGGGGAGGTGTACGAGGGCGTCTGG
AAGAAGTACAGCCTCACTGTGGCCGTGAAGACCCTGAAGGAGGACACCATGGAGGTGGAGGAGTCTCTGA
AGGAAGCCGAGTGTGAAGGAGATCAAGCACCTAACCTGGTGCAGCTGCTAGGGGTGTGTACCCGGGA
ACCTCCGTTCTACATCATCACCGAGTTCATGACCTATGGGAACCTGCTGGACTACCTGAGGGAATGTAAC
CGGCAGGAGGTGAGCGCTGTGGTGTCTACATGGCCACACAGATCTCATCAGCCATGGAGTACCTGG
AGAAGAAGAACTTCATCCACAGAGACCTTGCTGCCCGAACTGCCTGGTAGGGGAAAACCACTTGGTGAA
GGTGGCTGATTTTGGCCTAAGCAGGTTGATGACAGGGGACACCTACACAGCCCATGCTGGAGCCAAGTTC
CCCATCAAGTGGACTGCACCCGAGAGCCTGGCCTATAACAAGTTCTCCATCAAGTCGGACGTCTGGGCAT
TTGGAGTATTGCTCTGGGAAATTGCTACCTATGGCATGTACCTTACCCGGGAATTGACCTGTCTCAGGT
TTATGAGCTGCTGAAAAAGACTACCGCATGGAGCGCCCGGAAGGCTGCCAGAGAAAGTCTACGAACTC
ATGCGAGCATGTTGGCAGTGAACCCCTCTGATCGGCCCTCCTTTGCTGAAATCCATCAAGCCTTTGAAA



[View online »](#)

```

CCATGTTCCAGGAGTCCAGCATCTCAGACGAGGTGGAGAAGGAGCTGGGAAACGAGGCATGAGAGGAGC
CGCCGGGAGCACCTGCAGGCCCCAGAGCTGCCACCAAGACCAGAACCTGCAGGAAAACCGCTGAGCAG
AAAGATGCACCTGACGCCCTGGAAGTCTCCACACGAAGGGCCTGGGCGAAAGCGACGCACTGGACAGTG
AACCTGCTGTATCACCAGTCTTCTCGGAAAGAGCGTGGGCCCCCGGACGGCAGCCTAAATGAAGATGA
GCGTCTCTCCCAAAGACAAAAAGACCAACCTGTTACGCGCCTTGATCAAGAAGAAGAAGAAAATGGCG
CCGACGCCCCCTAAGCGCAGCAGTTCTTCCGAGAGATGGATGGCCAGTCAGAACGCAGAGGGGCTAGTG
AGGATGACGGCCGGGAAATCAGCAATGGGCCACCAGCTCTCACCTCAGATGCAGTAGAGCCTACCAAGTC
CCCAAAGGCCAGCAATGGGGCTGGCGTCCCAATGGAGCCTTCCGGGAGCCAGGCAACTCGGGCTTCCGC
TCTCCCATGTGTGGAAGAAGAGCAGCACACTGACCAGCAGCCGCTCGTGCTGCTGAAGAGGAGAGTG
GCCTCAGTTCCAGTAAGCGCTTCTGCGCTCCTGCTCGGCCTCCTGCATGCCCATGGGGTTAGGGACAC
TGAGTGGCGGTGAGTACGCTGCCTCGGGACCTGCCGTCTGCTGGTAAGCAGTTTACTCTTCCACCTTT
GGAGGGCACAAAAGTAAAAGCCAGCTCTGCCTCGGAAACGCACCAGTGAGAGCAGGTCTGAGCAGGTGG
CCAAAAGCACAGCGACACCCCTCCTCGGTGGTGAAGAAGACTGAGGAGGCCGCCGAAGATGTCTTCAA
AGACACGGAATCCAGCCCTGGCTCCAGCCCTCCAGCTTGACCCCAAACCTCTCCGTAGGCAGGTCCCT
GCCTCCCTCCTCTGGCCCTCTCACAAGGACGAGGCCACCAAGGGCAATGCCTCGGGCATGGGGACTC
TGCCACTGCAGAGCCAGCAGCCCCAGCAACAAGCGGGCCTCAGCAAGGCCTCCTCCGAGGAGCCCCG
TGCAAGGAGACACAAGCAGCTCGGAGTCCCCAGGGAGAGACAAGGGCGGGCTGTCCAAGCTCAAGCCG
GCCCGCCACCTCCGCCCTCTCCACAGGGAAAGCAGGGAAGCCTGCACAGAGCCCCAGCCAAGATGTGG
CTGGGGAGGCAGGTGGGGCCACCAAGACAAAATGCACAAGTCTGTCTGTGGATGCTGTGAACAGTGACCC
CACCAAGGCTGGCCAGCTGGAGAAGGACTGAGAAAATCTGTGCCCATCTGTGCCAAAGCCTCAGTCA
GCTACTAAGCCACCGGGGACCCCAAGCCCGGTCTCCACCCCTCCACAGGCCAGCACCTTACCCCT
TGGCTGGGACCAGCAGCCATCTTCTGCTGCCTCATCCCTCATATCAACCCGTGTGTCTTTGAAA
GACCCGACAGCCGCCAGAGCGCATCGCCAGTGGCACCATCACCAAGGGTGTGGTTCTGGACAGTACTGGA
GCCTGTGCCTTGCCATCTCCCGGAACTCGGAGCAGATGGCCAGCCAGTGTGTGTGCTGGAGCGGGCA
AGAACCTGTACACATTCTGTGTGAGCTACGTGGACTCTATCCAGCAGATGAGGAACAAGTTTGCCTCCG
CGAGGCTATCAACAAGCTGGAGAGCAACCTCCGAGAGCTGCAGATCTGCCTGCGACAGCCTCCAGTGGG
CCAGCGGCCACACAAGACTTCAGCAAGTGCTTAGCTCTGTGAAGGAGATCAGCGACATTGTCCGGAGGT
AG
    
```

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001100850
- Insert Size:** 3432 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:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001100850.1](#), [NP_001094320.1](#)

RefSeq Size: 6158 bp

RefSeq ORF: 3432 bp

Locus ID: 311860

Cytogenetics: 3p12