

Product datasheet for **SC217318**

c Abl (ABL1) (NM_007313) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	c Abl (ABL1) (NM_007313) Human 3' UTR Clone
Symbol:	c Abl
Synonyms:	ABL; BCR-ABL; bcr/abl; c-ABL; c-ABL1; CHDSKM; JTK7; p150; v-abl
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_007313
Insert Size:	2000 bp



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Insert Sequence: >SC217318 3'UTR clone of NM_007313
 The sequence shown below is from the reference sequence of NM_007313. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGGAAATCAGTGACATAGTGCAGAGGTAGCAGCAGTCAGGGTCAAGGTGTCAGGCCCGTCGGAGCTGC
CTGCAGCACATGCGGGCTCGCCCATACCCGTGACAGTGGCTGACAAGGGACTAGTGAGTCAGCACCTTG
GCCCAGGAGCTCTGCGCCAGGCAGAGCTGAGGGCCCTGTGGAGTCCAGCTCTACTACCTACGTTTGCAC
CGCCTGCCCTCCCGCACCTTCTCCTCCCGCTCCGTCTCTGTCTCGAATTTTATCTGTGGAGTTCCT
GCTCCGTGGACTGCAGTCGGCATGCCAGGACCCGCCAGCCCCGCTCCACCTAGTGCCCCAGACTGAGC
TCTCCAGGCCAGGTGGAAACGGCTGATGTGGACTGTCTTTTTTCTCTCTGGAGCCCCTCCT
CCCCGGCTGGGCTCCTTCTTCCACTTCTCAAGAATGGAAGCCTGAAGTGAAGGCTTGTGTGTCAGG
CCCTCTGCCTGCACTCCCTGGCCTTGGCCGTGCTGCTGAAGACATGTTTCAAGAACCAGCTTTCGGG
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CGCCATTTCTCACGTGCAGGACAGCTCTTGATTTGGGTGGAAAACAGGGTGTAAAGCCAACAGCCT
TTGGGTCTGGCAGGTGGGAGCTGAAAAGGATCGAGGCATGGGGCATGTCTTTCCATCTGTCCACAT
CCCCAGAGCCCAGCTCTTGCTCTCTGTGACGTGCACTGTGAATCCTGGCAAGAAAGCTTGAGTCTCAA
GGGTGGCAGGTCACTGTCACTGCCGACATCCCTCCCCAGCAGAAATGGAGGCAGGGGACAAGGGAGGCA
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AGAGTGAACCGTCTTTACACATCTGGGTGCCCTGAAAGGGCCCTTCCCTCCCCACTCCTCTAAGA
CAAAGTAGATTCTTACAAGGCCCTTCTTTGGAACAAGACAGCCTTCACTTTTCTGAGTCTTGAAGC
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GGTGGGAGGAAAGGGCCTGGCCAGTCTGGTCTGGCTGCACTCTTGAAGTGGGCAATGTCTTATTTA
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AGCCCCTGAAAGCCTCACGTATTTACAGAGCACGCTGCCATCTTCTCCCCGAGGCTGCCCCAGGCCG
GAGCCCAGATACGGGGCTGTGACTCTGGGCAGGGACCCGGGTCTCCTGGACCTTGACAGAGCAGTA
ACTCCGAGAGCAGTGGCAGGTGGCCGCCCTGAGGCTTACGCCGGGAGAAGCCACCTTCCACCCCT
TCATACCCCTCGTGCCAGCAGCCTCGCACAGGCCCTAGCTTTACGCTCATCACCTAAACTGTACTTT
ATTTTTCTGATAGAAATGGTTTCTCTGGATCGTTTTATGCGGTTCTTACAGCACATCACCTTTTGCC
CCCAGCGCTGTGACGCAGCCGGAGGGAGGCACTAGTCACCGACAGCGGCTTGAAGACAGAGCAAAGC
GCCACCCAGGTCCCCGACTGCCTGTCTCCATGAGGTAAGTGGTCCCTTCTTTTGTAAAGTGTATGTG
CCACTATATTTTACAGTATCTCTTGGTATGCATCTTTTATAGACGCTCTTTTCTAAGTGGCGTGTGCA
TAGCGTCTGCCCTGCCCTCGGGGCTGTGGTGGCTCCCCCTCTGCTTCTCGGGTCCAGTGCATT
TTGTTTCTGTATATGATTCTCTGTGTTTTTTTTGAATCCAAATCTGTCTCTGTAGTATTTTTTAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_007313.3](#)

Summary:

This gene is a protooncogene that encodes a protein tyrosine kinase involved in a variety of cellular processes, including cell division, adhesion, differentiation, and response to stress. The activity of the protein is negatively regulated by its SH3 domain, whereby deletion of the region encoding this domain results in an oncogene. The ubiquitously expressed protein has DNA-binding activity that is regulated by CDC2-mediated phosphorylation, suggesting a cell cycle function. This gene has been found fused to a variety of translocation partner genes in various leukemias, most notably the t(9;22) translocation that results in a fusion with the 5' end of the breakpoint cluster region gene (BCR; MIM:151410). Alternative splicing of this gene results in two transcript variants, which contain alternative first exons that are spliced to the remaining common exons. [provided by RefSeq, Aug 2014]

Locus ID:

25

MW:

72.5