

## ABL1 抗原（重组蛋白）

中文名称： ABL1 抗原（重组蛋白）

英文名称： ABL1 Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from C terminal 250 amino acids of human ABL1

技术规格

<b>Full name:</b>	c-abl oncogene 1, non-receptor tyrosine kinase
<b>Synonyms:</b>	ABL; JTK7; p150; c-ABL; v-abl; c-ABL1; bcr/abl
<b>Swissprot:</b>	P00519
<b>Gene Accession:</b>	BC117451
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	The ABL1 protooncogene encodes a cytoplasmic and nuclear protein tyrosine kinase that has been implicated in processes of cell differentiation, cell division, cell adhesion, and stress response. Activity of c-Ab l protein is negatively regulated by its SH3 domain, and deletion of t he SH3 domain turns ABL1 into an oncogene. The t(9;22) translocatio n results in the head-to-tail fusion of the BCR (MIM:151410) and ABL 1 genes present in many cases of chronic myelogeneous leukemia. T he DNA-binding activity of the ubiquitously expressed ABL1 tyrosine

kinase is regulated by CDC2-mediated phosphorylation, suggesting a cell cycle function for ABL1.