

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

Full name:	c-abl oncogene 1, non-receptor tyrosine kinase
Synonyms:	ABL; JTK7; p150; c-ABL; v-abl; c-ABL1; bcr/abl
Swissprot:	P00519
Gene Accession:	BC117451
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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.

