Recombinant Mouse ABL1 (N-His tag)

Cat No:HR2R2077

For research use only

Overview

Quantity	10 ?g
Gene Symbol	ABL1
Gene ID	N/A
Accession	NM_009594
Alternative Name	ABL; JTK7; p150; c-ABL; v-abl
Species	Mouse
Source	Insect cells
Description	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 ABL protein is negatively regulated by its SH3 domain and deletion of the SH3 domain turns ABL1 into an oncogene . Translocation and head-to-tail fusion of the BCR and ABL1 genes is present in many cases of chronic myelogeneous leukemia . The DNA-binding activity of the ubiquitously expressed ABL1 tyrosine kinase is regulated by CDK1-mediated phosphorylation, suggesting a cell cycle function for ABL1.?
Functions	The specific activity of ABL1 was determined to be 820 nmol /min/mg as per activity assay protocol.
Formulation	50mM NaPhosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.2mM DTT, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	135
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.