

# Active Recombinant Full Length Human ABL1 Protein, His-tagged

**Cat. No.** ABL1-7999HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Full-length human ABL [2-1130(end) amino acids and T315I of accession number NP_005148.2] was expressed as N-terminal His-tagged protein (126 kDa) using baculovirus expression system. His-tagged ABL[T315I] was purified by using Ni-NTA affinity chromatography. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                               |
| <b>Source</b>           | Sf21 Cells                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 2-1130(end)                                                                                                                                                                                                                                                         |
| <b>Form</b>             | 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5                                                                                                                                                                                            |
| <b>Bio-activity</b>     | The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.                         |
| <b>Purity</b>           | 72%                                                                                                                                                                                                                                                                 |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | Store at -80C. Avoid repeating freeze-thaws.                                                                                                                                                                                                                        |

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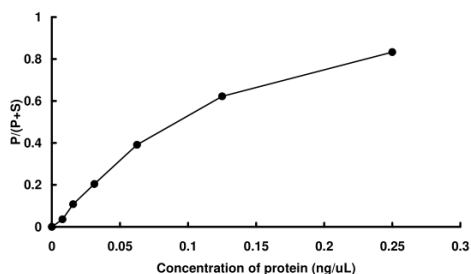
 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                        |                                                                    |
|------------------------|--------------------------------------------------------------------|
| <b>Gene Name</b>       | c-abl oncogene 1, non-receptor tyrosine kinase                     |
| <b>Official Symbol</b> | ABL1                                                               |
| <b>Synonyms</b>        | ABL1;ABL;BCR-ABL;CHDSKM;JTK7;bcr/abl;c-ABL;c-ABL1;p150;v-abl;ATEST |
| <b>Protein Refseq</b>  | <a href="#">NP_005148.2</a>                                        |
| <b>UniProt ID</b>      | <a href="#">P00519</a>                                             |

### Activity data

Activity data



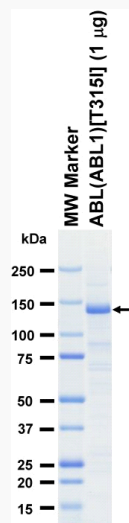
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## SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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