

# Recombinant Human ABL1 Protein, GST-tagged, Alexa Fluor 488 conjugated

**Cat. No.** ABL1-783HAF488    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 488 conjugated recombinant human ABL1 (NP_009297.2) amino acid sequence (Pro 137-Ser 554), fused with the GST tag at the N-terminus, was produced in Baculovirus-Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	645
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant human ABL1/GST chimera consists of 645 amino acids and predicts a molecular mass of 74 kDa. It migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile 50 mM Tris, 100 mM NaCl, 0.5 mM PMSF, 0.5 mM EDTA, 0.5 mM Reduced Glutathione, pH 8.0
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 488

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ABL1 c-abl oncogene 1, non-receptor tyrosine kinase [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">ABL1</a>
<b>Gene ID</b>	<a href="#">25</a>
<b>mRNA Refseq</b>	<a href="#">NM_005157</a>
<b>Protein Refseq</b>	<a href="#">NP_005148</a>
<b>MIM</b>	<a href="#">189980</a>
<b>UniProt ID</b>	<a href="#">P00519</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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