

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Insect Cells
ProteinLength	645
Form	Lyophilized
Molecular Mass	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.
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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Storage	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.
Storage Buffer	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
Reconstitution	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.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	ABL1 c-abl oncogene 1, non-receptor tyrosine kinase [Homo sapiens]
Official Symbol	ABL1
Gene ID	25
mRNA Refseq	NM_005157
Protein Refseq	NP_005148
MIM	189980
UniProt ID	P00519

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