

## Datasheet for ABIN6699559

### BCR Protein (GST tag)



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#### Overview

Quantity:	20 µg
Target:	BCR
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCR protein is labelled with GST tag.
Application:	Western Blotting (WB)

#### Product Details

Purpose:	BCR recombinant protein-GST fusion protein
Purification:	Recombinant human BCR (1-695) was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >75% by densitometry.
Purity:	>75%

#### Target Details

Target:	BCR
Alternative Name:	BCR ( <a href="#">BCR Products</a> )
Background:	<p>Synonyms: ALL, CML, PHL, BCR1, D22S11, D22S662, FLJ1645, Breakpoint cluster region protein, Renal carcinoma antigen NY-REN-26, BCR, BCR1, D22S11</p> <p>Background: BCR (also known as breakpoint cluster region) encodes a phosphoprotein that has</p>

## Target Details

serine/threonine kinase activity (1). The human c-ABL oncogene is translocated from chromosome 9 to a region on chromosome 22 (associated with BCR) in chronic myelocytic leukemia. In classical t(9,22) translocation, as observed in chronic granulocytic leukemia (CGL), a hybrid DNA unit is produced comprising the BCR gene product plus the translocated c-ABL gene from chromosome 9. The BCR-ABL hybrid protein (p210) is formed that displays increased tyrosine kinase activity. A similar DNA rearrangement of the p210 protein is also found in cases of Philadelphia-positive acute lymphoblastic leukemia (ALL) (2). BCR Protein is ideal for investigators involved in Signaling Proteins, Cellular Proteins, and Cancer research.

NCBI Accession:	<a href="#">NM_004327</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Platelet-derived growth Factor Receptor Signaling</a>

## Application Details

Application Notes:	Western_Blot_Dilution: User Optimized  Application_Note: BCLR Protein is suitable for use in Western Blot. Expect a band approximately ~ 120 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.2 µg/µL
Buffer:	BCLR Protein is stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol.
Storage:	-80 °C
Storage Comment:	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.
Expiry Date:	12 months