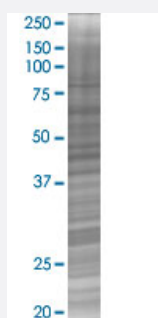


# BCR 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000613-T02

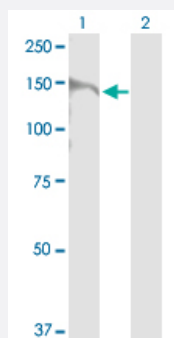
Size 100 uL

## Applications



### SDS-PAGE Gel

BCR transfected lysate.



### Western Blot

Lane 1: BCR transfected lysate ( 121.00 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-BCR full-length

**Host** Human

**Theoretical MW (kDa)** 121

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-BCR antibody ([H00000613-D01P](#)) by Western Blots.

SDS-PAGE Gel  
BCR transfected lysate.

Western Blot  
Lane 1: BCR transfected lysate ( 121.00 KDa)  
Lane 2: Non-transfected lysate.

|                     |                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------|
| Storage Buffer      | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| Storage Instruction | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                           |

## Applications

- Western Blot

## Gene Info — BCR

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">613</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| GeneBank Accession# | <a href="#">BC066122.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Protein Accession#  | <a href="#">AAH66122.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Name           | BCR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Alias          | ALL, BCR-ABL1, BCR1, CML, D22S11, D22S662, FLJ16453, PHL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Description    | breakpoint cluster region                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Omim ID             | <a href="#">151410 608232</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Summary        | <p>A reciprocal translocation between chromosomes 22 and 9 produces the Philadelphia chromosome, which is often found in patients with chronic myelogenous leukemia. The chromosome 22 breakpoint for this translocation is located within the BCR gene. The translocation produces a fusion protein which is encoded by sequence from both BCR and ABL, the gene at the chromosome 9 breakpoint. Although the BCR-ABL fusion protein has been extensively studied, the function of the normal BCR gene product is not clear. The protein has serine/threonine kinase activity and is a GTPase-activating protein for p21rac. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]</p> |
| Other Designations  | bcr-abl1 e14a3 chimeric protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

## Pathway

- [Chronic myeloid leukemia](#)
- [Pathways in cancer](#)

## Disease

- [Alzheimer disease](#)
- [Angina Pectoris](#)
- [Bipolar Disorder](#)
- [Brief Psychiatric Rating Scale](#)
- [Chromosome Breakage](#)
- [Coronary Vasospasm](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Small Cell Lung Carcinoma](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)