

Recombinant Human BCR Protein, His-tagged

Cat. No. BCR-558H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BCR(Arg1042~Val1243) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg1042~Val1243
Description	<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.</p>
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	26.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)

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Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	BCR breakpoint cluster region [Homo sapiens]
Official Symbol	BCR
Synonyms	BCR; breakpoint cluster region; BCR1, D22S11; breakpoint cluster region protein; ALL; CML; D22S662; PHL; renal carcinoma antigen NY-REN-26; BCR1; D22S11; FLJ16453;
Gene ID	613
mRNA Refseq	NM_004327
Protein Refseq	NP_004318

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MIM	151410
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UniProt ID	P11274
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