

Recombinant Human Bcr protein ab72493

1 图像

描述

产品名称	重组人Bcr蛋白
纯度	> 75 % Densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
Accession	<u>NM_004327</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	<pre> MVDVPGFAEA WKAQFPDSEP PRMELRSVGD IEQELERCKA SIRRLEQEVN QERFRMIYLQ TLLAKEKKSYS DRQRWGFERRA AQAPDGASEP RASASRPQPA PADGADPPPA EEPEARPDGE GSPGKARPGT ARRPGAAASG ERDDRGPAS VAALRSNFER IRKGHGQPGA DAEKPFYVNV EFHHERGLVK VNDKEVSDRI SSLGSQAMQM ERKKSQHGAG SSVGDASRPP YRGRSSESSC GVDGDYEDAE LNPRFLKDNL IDANGGSRPP WPPLEYQPYQ SIYVGGMMEG EGKGPLLRSQ STSEQEKRLT WPRRSYSPRS FEDCGGGYTP DCSSNENLTS SEEDFSSGQS SRVSPSPTY RMFRDKSRSP SQNSQQSFDS SSPPTQCHK RHRHCPVVVS EATIVGVRKT GQIWPNDGEG AFHGDADGSF GTPPGYGCAA DRAEEQRRHQ DGLPYIDDSP SSSPHLSSKG RGSRDALVSG ALESTKASEL DLEKGLEMRK WVLSGILASE ETYLSHLEAL LLPMKPLKAA ATTSQPVLTS QQIETIFFKV PELYEIHKEF YDGLFPRVQQ WSHQQRVGD L FQKLASQLGV YRAFVDNYGV AMEMAEKCCQ ANAQFAEISE NLRARSNKDA KDPTTKNSLE TLLYKPVDRV TRSTLVLDL LKHTPASHPD HPLLQDALRI SQNFLSSINE EITPR </pre>
预测分子量	120 kDa
氨基酸	1 to 695

标签 GST tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab72493** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Western blot
	SDS-PAGE
形式	Liquid

制备和贮存

稳定性和存储 Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
pH: 7.50
Constituents: 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 25% Glycerol (glycerin, glycerine), 0.29% Sodium chloride

常规信息

功能 GTPase-activating protein for RAC1 and CDC42. Promotes the exchange of RAC or CDC42-bound GDP by GTP, thereby activating them. Displays serine/threonine kinase activity.

疾病相关 Note=A chromosomal aberration involving BCR is a cause of chronic myeloid leukemia. Translocation t(9;22)(q34;q11) with ABL1. The translocation produces a BCR-ABL found also in acute myeloid leukemia (AML) and acute lymphoblastic leukemia (ALL).

序列相似性 Contains 1 C2 domain.
Contains 1 DH (DBL-homology) domain.
Contains 1 PH domain.
Contains 1 Rho-GAP domain.

结构域 The region involved in binding to ABL1 SH2-domain is rich in serine residues and needs to be Ser/Thr phosphorylated prior to SH2 binding. This region is essential for the activation of the ABL1 tyrosine kinase and transforming potential of the chimeric BCR-ABL oncogene. The DH domain is involved in interaction with CCPG1.

翻译后修饰 Autophosphorylated. Phosphorylated by FES/FPS on tyrosine residues, leading to down-regulation of the BCR kinase activity. Phosphorylation at Tyr-177 by HCK is important for interaction with GRB2.

图片



SDS-PAGE showing ab72493 at approximately 120kDa.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors