Datasheet for ABIN7552559

BCAR1 Protein (AA 1-870) (His tag)

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Overview

Quantity:	1 mg
Target:	BCAR1
Protein Characteristics:	AA 1-870
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCAR1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant BCAR1 Protein expressed in mammalian cells.
Sequence:	MNHLNVLAKA LYDNVAESPD ELSFRKGDIM TVLEQDTQGL DGWWLCSLHG RQGIVPGNRL KILVGMYDKK PAGPGPGPPA TPAQPQPGLH APAPPASQYT PMLPNTYQPQ PDSVYLVPTP SKAQQGLYQV PGPSPQFQSP PAKQTSTFSK QTPHHPFPSP ATDLYQVPPG PGGPAQDIYQ VPPSAGMGHD IYQVPPSMDT RSWEGTKPPA KVVVPTRVGQ GYVYEAAQPE QDEYDIPRHL LAPGPQDIYD VPPVRGLLPS QYGQEVYDTP PMAVKGPNGR DPLLEVYDVP PSVEKGLPPS NHHAVYDVPP SVSKDVPDGP LLREETYDVP PAFAKAKPFD PARTPLVLAA PPPDSPPAED VYDVPPPAPD LYDVPPGLRR PGPGTLYDVP RERVLPPEVA DGGVVDSGVY AVPPPAEREA PAEGKRLSAS STGSTRSSQS ASSLEVAGPG REPLELEVAV EALARLQQGV SATVAHLLDL AGSAGATGSW RSPSEPQEPL VQDLQAAVAA VQSAVHELLE FARSAVGNAA HTSDRALHAK LSRQLQKMED VHQTLVAHGQ ALDAGRGGSG ATLEDLDRLV ACSRAVPEDA KQLASFLHGN ASLLFRRTKA TAPGPEGGGT LHPNPTDKTS SIQSRPLPSP PKFTSQDSPD GQYENSEGGW MEDYDYVHLQ GKEEFEKTQK ELLEKGSITR QGKSQLELQQ LKQFERLEQE VSRPIDHDLA

Product Details

	NWTPAQPLAP GRTGGLGPSD RQLLLFYLEQ CEANLTTLTN AVDAFFTAVA TNQPPKIFVA HSKFVILSAH KLVFIGDTLS RQAKAADVRS QVTHYSNLLC DLLRGIVATT KAAALQYPSP SAAQDMVERV KELGHSTQQF RRVLGQLAAA **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	BCAR1
Alternative Name:	BCAR1 (BCAR1 Products)
Background:	Breast cancer anti-estrogen resistance protein 1 (CRK-associated substrate) (Cas scaffolding protein family member 1) (p130cas),FUNCTION: Docking protein which plays a central coordinating role for tyrosine kinase-based signaling related to cell adhesion (PubMed:12832404, PubMed:12432078). Implicated in induction of cell migration and cell branching (PubMed:12432078, PubMed:12832404, PubMed:17038317). Involved in the BCAR3-

Target Details

	mediated inhibition of TGFB signaling (By similarity). {ECO:0000250|UniProtKB:Q61140, ECO:0000269|PubMed:12432078, ECO:0000269|PubMed:12832404, ECO:0000269|PubMed:17038317}.
Molecular Weight:	93.4 kDa
UniProt:	P56945
Pathways:	EGFR Signaling Pathway, Neurotrophin Signaling Pathway, CXCR4-mediated Signaling Events, Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

