

Datasheet for ABIN7563900
BCAR1 Protein (AA 1-874) (His tag)



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Overview

Quantity:	1 mg
Target:	BCAR1
Protein Characteristics:	AA 1-874
Origin:	Mouse
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:	MTVPNVLAKA LYDNVAESPD ELSFRKGDIM TVLERDTQGL DGWWLCSLHG RQGIVPGNRL KILVGMYYDKK PVGPGPGPPA TPPQPQPSLP QGVHAPVPPA SQYSPMLPTA YQPQSDNVYL VPTPSKTQQG LYQAPGPNPQ FQSPPAKQTS TFSKQTPHHS FPSPATDLYQ VPPGPGSPAQ DIYQVPPSAG IGHDIYQVPP SLDTRGWEGT KPPAKVVVPT RVGQGYVYEA AQTEQDEYDT PRHLLAPGPQ DIYDVPPVRG LLPNQYGQEV YDTPPMAVKG PNGRDPDLLDV YDVPPSVEKG LLSSSHSVY DVPPSVSKDV PDGPLLREET YDVPPAFAPK KPFDPTRHPL ILAAPPPDSP AAEDVYDVPP PAPDLYDVPP GLRRPGPGTL YDVPRERVLP PEVADGSVVD DGVYAVPPPA EREAPTDGKR LSASSTGSTR SSQSASSLEV VVPGREPLEL EVAVESLARL QQGVSTTVAH LLDLVGSASG PGGWRGTSEP QEPPAQLKA AVAAVHGAVH ELLEFARGAV SNATHTSDRT LHAKLSRQLQ KMEDVYQTLV VHGVQLDSCR GSPGFTPEDL DRLVACSRAV PEDAQLASF LHGNASLLFR RTKAPGPGPE GSSSLHPNPT DKASSIQSRP LPSPPKFTSQ DSPDGQYENS EGGWMEDYDY VHLQKKEEFE KTQKELLERG NIMRQGGKQL ELQQLKQFER LEQEVSRPID

Product Details

HDLANWTPAQ PLVPGRTGGL GPSDRQLLLF YLEQCEANLT TLTDAVDAFF TAVATNQPPK
IFVAHSKFVI LSAHKLFIG DTLRQAKAA DVRSQVTHYS NLLCDLLRGI VATTKAAALQ
YSPSAAQDM VDRVKELGHS TQQFRRVLGQ LAAA **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) (p130cas),FUNCTION: Docking protein which plays a central coordinating role for tyrosine kinase-based signaling related to cell adhesion (By similarity). Implicated in induction of cell migration and cell branching (PubMed:25499443). Involved in the BCAR3-mediated inhibition of TGFB signaling (PubMed:25499443). {ECO:0000250|UniProtKB:P56945,

Target Details

ECO:0000269|PubMed:25499443}.

Molecular Weight: 94.3 kDa

UniProt: [Q61140](#)

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