

AR51358PU-S**Human BCAR1 / CRKAS (465-848, His-tag) - Purified****Alternate names:**

Breast cancer anti-estrogen resistance protein 1, CASS1, CRK-associated substrate, Cas scaffolding protein family member 1, p130cas, p130cas

Quantity:

50 µg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

BCAR1, or CAS, is an Src family kinase substrate involved in various cellular events, including migration, survival, transformation, and invasion.

Uniprot ID:

[P56945](#)

NCBI:

[NP_001164185.1](#)

GeneID:

[9564](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

Description:

Recombinant human BCAR1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSRLQQGVS ATVAHLLDLA GSAGATGSWR SPSEPQEPLV
QDLQAAVAAV QSAVHELLEF ARSAVGNAAH TSDRALHAKL SRQLQKMEDV HQTTLVAHGQA
LDAGRGGSGA TLEDLDRIVA CSRAVPEDAK QLASFLHGNA SLLFRRTKAT APGPEGGTL
HPNPTDKTSS IQSRPLPSP KFTSQDSPDG QYENSEGGWM EDYDYVHLQG KEEFEKTQKE
LLEKGSITRQ GKSQLELQQL KQFERLEQEV SRPIDHDLAN WTPAQPLAPG RTGGLGPSDR
QLLLFYLEQC EANLTTLTNA VDAFFTAVAT NQPPKIFVAH SKFVILSAHK LVFIGDTLSR
QAKAADVRSQ VTHYSNLLCD LLRGIVATTK AAALQYPPSPS AAQDMVE

Molecular weight: 43.9 kDa (407aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Konstantinovskiy, S, et al. (2012) Clin. Exp. Metastasis 29 (6), 527-540

Huang, W., et al. (2012) PLoS ONE 7 (4), E36124

Pictures:

