

Recombinant human p130Cas protein

Catalog Number: ATGP2538

PRODUCT INFORMATION

Expression system

E.coli

Domain

465-848aa

UniProt No.

P56945

NCBI Accession No.

NP_055382

Alternative Names

breast cancer anti-estrogen resistance 1, CAS, CAS1, CASS1, CRKAS, P130Cas

PRODUCT SPECIFICATION

Molecular Weight

43.9 kDa (407aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

BCAR1, or CAS, is an Src family kinase substrate involved in various cellular events, including migration, survival, transformation, and invasion. Recombinant human BCAR1 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSRLQQGVS ATVAHLLDLA GSAGATGSWR SPSEPQEPLV QDLQAATAAV
QSAVHELLEF ARSAVGNAAH TSDRALHAKL SRQLQKMEDV HQTLVAHGQA LDAGRGGSGA TLEDLDRLVA CSRAVPEDAK

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QLASFLHGNA SLLFRRTKAT APGPEGGGTL HPNPTDKTSS IQSRPLPSPP KFTSQDSPDG QYENSEGGWM EDYDYVHLQG
KEEFKTKQE LLEKGSITRQ GKSQLELQQL KQFERLEQEV SRPIDHDLAN WTPAQPLAPG RTGGLGPSDR QLLLFYLEQC
EANLTTLTNA VDAFFTAVAT NQPPKIFVAH SKFVILSAHK LVFIGDTLSR QAKAADVRSQ VTHYSNLLCD LLRGIVATTK
AAALQYSPSPS AAQDMVE

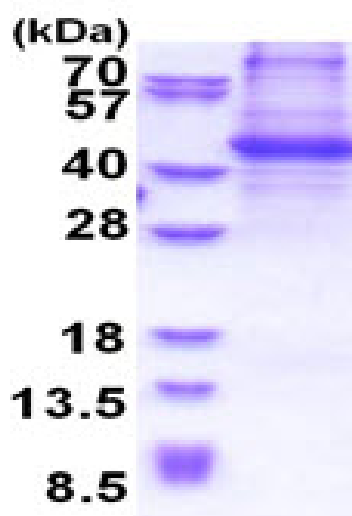
General References

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

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)