



Recombinant Human Breast Cancer Anti-Estrogen Resistance 1 Protein Datasheet

Catalog Number: PR27245

Product Type: Recombinant Protein

Source: *E. Coli*

Amino Acid Sequence: MGSSHHHHHH SGLVPRGSH MGSRLQQGVS ATVAHLLDLA GSAGATGSWR SPSEPQEPLV QDLQAAVA AV QSAVHELLEF ARSAVGNAAH TSDRALHAKL SRQLQKMEDV HQTLVAHGQA LDAGRGGSGA TLEDLDR LVA CSRAVPEDAK QLASFLHGNA SLLFRRTKAT APGPEGGGTL HPNPTDKTSS IQSRPLPSP KFTSQDSPDG QYENSEGGWM EDYDYVHLQG KEEFEKTQKE LLEKGSITRQ GKSQLELQQL KQFERLEQEV SRPIDHDLAN WTPAQPLAPG RTGGLGPSDR QLLLFYLEQC EANLTTLTNA VDAFFTAVAT NQPPKIFVAH SKFVILSAHK LVFIGDTLSR QAKAADVRSC VTHYSNLLCD LLRGIVATTK AALQYSPSP AAQDMVE.

Description/Molecular Mass: Breast Cancer Anti-Estrogen Resistance 1 (BCAR1) is a Src family kinase substrate which takes part in a range of cellular events such as migration, survival, transformation, and invasion. BCAR1 plays a vital role for tyrosine kinase-based signaling related to cell adhesion.

BCAR1 Human Recombinant produced in *E. coli* is a single polypeptide chain containing 407 amino acids (465-848) and having a molecular mass of 43.9kDa. BCAR1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Purity: Greater than 85.0% as determined by:
(a) Analysis by SDS-PAGE.

Format: The BCAR1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.

Storage: Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

FOR RESEARCH USE ONLY

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