

Recombinant Human BCAR1 293 Cell Lysate

Cat. No. BCAR1-8498HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for breast cancer anti-estrogen resistance 1 (BCAR1), transcript variant 6 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

BCAR1 breast cancer anti-estrogen resistance 1 [Homo sapiens]

Official Symbol

BCAR1

Synonyms

BCAR1; breast cancer anti-estrogen resistance 1; breast cancer anti-estrogen resistance protein 1; CAS; Cas scaffolding protein family member 1; CASS1; Crk associated substrate; Crkas; P130Cas; Crk-associated substrate p130Cas; CAS1; CRKAS; FLJ12176; FLJ45059;

Gene ID

9564

mRNA Refseq

NM_001170714

Protein Refseq

NP_001164185

MIM

602941

UniProt ID

P56945

Chromosome Location

16q22-q23

Pathway

B Cell Receptor Signaling Pathway, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; CDC42 signaling events, organism-specific biosystem;

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CXCR4-mediated signaling events, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem;

Function

SH3 domain binding; protein binding; protein kinase binding; protein phosphatase binding; signal transducer activity;

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