



## BCAR1 peptide (DAG-P1394)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	BCAR1, or CAS, is an Src (MIM 190090) family kinase substrate involved in various cellular events, including migration, survival, transformation, and invasion (Sawada et al., 2006 [PubMed 17129785]).[supplied by OMIM, May 2009]
<b>Specificity</b>	Widely expressed with an abundant expression in the testis. Low level of expression seen in the liver, thymus, and peripheral blood leukocytes. The protein has been detected in a B-cell line.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the CAS family.Contains 1 SH3 domain.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">BCAR1 breast cancer anti-estrogen resistance 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	BCAR1
<b>Synonyms</b>	BCAR1; breast cancer anti-estrogen resistance 1; CAS; CAS1; CASS1; CRKAS; P130Cas; breast cancer anti-estrogen resistance protein 1; Crk-associated substrate p130Cas; Cas scaffolding protein family member 1;

<b>Entrez Gene ID</b>	<a href="#">9564</a>
<b>mRNA Refseq</b>	<a href="#">NM_001170714.1</a>
<b>Protein Refseq</b>	<a href="#">NP_001164185.1</a>
<b>UniProt ID</b>	P56945
<b>Chromosome Location</b>	16q23.1
<b>Pathway</b>	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; CXCR4-mediated signaling events, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Downstream signal transduction, organism-specific biosystem; EGFR1 Signaling Pathwa
<b>Function</b>	SH3 domain binding; protein binding; protein kinase binding; signal transducer activity;