

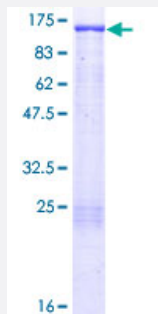
Full-Length

BCAR1 (Human) Recombinant Protein (P01)

Catalog # H00009564-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human BCAR1 full-length ORF (AAH62556.1, 1 a.a. - 870 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNHLNVLAKALYDNVAESPDELSFRKGDIMTVLEQDTQGLDGGWLC SLHGRQGMPGNRLKILVG
MYDKKPAGPGSGPPATPAQPQPLHAPAPPASQYTPMLPNTYQPQPD SVYLVPTPSKAQQGLY
QVPGPSPQFQSPPAKQTSTFSKQTPHHFPNPATDLYQVPPGPGGPAQDIYQVPPSAGMGHDIY
QVPPSMDTRSWEGTKPPAKVVVPTRVGQGYVYEAQPEQDEYDIPRHLLAPGPQDIYDVPPVRG
LLPSQYGQEVYDTPMAVKGPNGRDPLLEVYDVPPSVEKGLPPSNHHAVYDVPPSVSKDVDPG
PLLREETYDVPPAFAKAKPFDPARTPLVLAAPPPDSPAEDVYDVPPPAPDLVDVPPGLRRPGP
GTLVDVPRERVLPPPEVADGGVVD SGVYAVPPPAEREAPAEGKRLSASSTGSTRSSQSASSLEV
AGPGREPLELEVAVEALARLQQGVSATVAHLLDLAGSAGATG SWRSPSEPQEPLVQDLQAABA
AVQSAVHELLEFARSavgnaahtSDRALHAKLSRQLQKMEDVHQTLVAHGQALDAGRGGSGAT
LEDLDRLVACSRVPEDAKQLASFLHGNASLLFRRTKATAPGPEGGGTLHPNPTDKTSSIQSRPL
PSPPKFTSQDSPDGQYENSEGGWMEDYDVHLQGKEEFECTQKELLEKGSITRQGKSQLELQQ
LKQFERLEQEVSRPIDHDLANWTPAQPLAPGRTGGLGPSDRQLLLFYLEQCEANLTTLTNAVDAF
FTAVATNQPPKIFVAHSKFVILSAHKLFIGDTL SRQAKAADVRSQVTHYSNLLCDLLRGIVATTKA
AALQYSPSPA AQDMVERVKELGHSTQQFRRVLGQLAAA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

119.8

Interspecies Antigen Sequence

Mouse (90); Rat (91)

Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BCAR1

Entrez GeneID	9564
GeneBank Accession#	BC062556.1
Protein Accession#	AAH62556.1
Gene Name	BCAR1
Gene Alias	CAS, CAS1, CASS1, CRKAS, P130Cas
Gene Description	breast cancer anti-estrogen resistance 1
Omim ID	602941
Gene Ontology	Hyperlink
Gene Summary	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 1712 9785]).[supplied by OMIM]

Other Designations

Cas scaffolding protein family member 1|Crk-associated substrate p130Cas

Pathway

- [Chemokine signaling pathway](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Genetic Predisposition to Disease](#)