

Recombinant Full Length Human BCAR1 Protein, GST-tagged

Cat. No. BCAR1-1598HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BCAR1 full-length ORF (AAH62556.1, 1 a.a. - 870 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	870 amino acids
Description	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]).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	119.8 kDa
AA Sequence	MNHLNVLAKA LYDNVAESPD ELSFRKGDIM TVLEQDTQGL DGWWLCSLHG RQGIVPGNRL KILVGM YDKK PAGPGSGPPA TPAQPQPGLH APAPPASQYT PMLPNTYQPQ PDSVYL VPTP SKAQQGLYQV PGSPQFQSP PAKQTSTFSK QTPHHPFPNP ATDLYQVPPG PGGPAQDIYQ VPPSAGMGHD IYQVPPSMDT RSWEGTKPPA KVVVPTRVGQ GYVYEEAQPE QDEYDIPRHL LAPGPQDIYD VPPVRGLLPS QYGQEVYDTP PMAVKGPNGR DPLLEVYDVP PSVEKGLPPS NHHAVYDVPP SVSKDVDPDG LLREETYDVP PAFAKAKPFD PARTPLVLAA PPPDSPPAED VYDVPPPAPD LYDVPPGLRR PGPGTLYDVP RERVLPPPEVA

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DGGVVDSGVY AVPPPAEREA PAEGKRLSAS STGSTRSSQS ASSLEVAGPG
 REPLELEVAV EALARLQQGV SATVAHLLDL AGSAGATGSW RSPSEPQEPL
 VQDLQAAVAA VQSAVHELLE FARSAVGNAH HTSDRALHAK LSRQLQKMED
 VHQTLVAHGQ ALDAGRGGSG ATLEDLDRLV ACSRAVPEDA KQLASFLHGN
 ASLLFRRTKA TAPGPEGGGT LHPNPTDKTS SIQSRPLPSP PKFTSQDSPD
 GQYENSEGGW MEDYDYVHLQ GKEEFEKTQK ELLEKGSITR QGKSQLELQQ
 LKQFERLEQE VSRPIDHDLA NWTPAQPLAP GRTGGLGPSD RQLLLFYLEQ
 CEANLTTLTN AVDAFFTAVA TNQPPKIFVA HSKFVILSAH KLVFIGDTLS
 RQAKAADVRS QVTHYSNLLC DLLRGIVATT KAAALQYPSP SAAQDMVERV
 KELGHSTQQF RRVLGQLAAA

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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](#)

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MIM	602941
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UniProt ID	P56945
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