

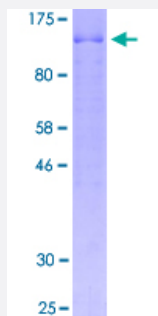
Full-Length

BCAS1 (Human) Recombinant Protein (P01)

Catalog # H00008537-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human BCAS1 full-length ORF (ADR83077.1, 1 a.a. - 584 a.a.) recombinant protein with GST tag at N-terminal.

Sequence

MGNQMSVPQRVEDQENEPEAETYKDNASALNGVPVVVSTHTVQHLEEVDLGISVKTDNVATSS
PETTEISAVADANGKNLGKEAKPEAPAAKSRRFLMLSRPVPGRITGDQAADSSLGSKLDVSSNK
APANKDPSESWTLPVAAGPGQDQDKTPGHAPAQDKALSAARDPTLLPPETGGAGGEAPSKPK
DSSFFDKFFKLDKGQEKVPGDSQQEAKRAEHQDKVDEVPGLSGQSDDVPAGKDMDGKEKEG
QELGTADCSVPGDPEGLETAKDDSQAAAAIENNNSIMSFFKTLVSPNKAETKKDPEDTGAEKSP
TTSADLKSDKANFTSQETQGAGKNSKGCNPSGHTQSVTTPEPAKEGTKEKSGPTSLPLGKLFW
KKS VKEDSVPTGAEENVCESPVEI IKSKEVESALQTVDLNEGDAAPEPTAEAKLKREESKPRSL
MAFLRQMSVKGDGGITHSEEINGKDSSCQTSDESTKITPPEPEPTGAPQKGKEGSSKDKKSAA
EMNKQKSNKQEAKEPAQCTEQATVDTNSLQNGDKLQKRPEKRQQSLGGFFKGLGPKRMLDAQ
VQTDPSVIGPVGKSK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

90.7

Interspecies Antigen Sequence

Mouse (57); Rat (64)

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 — BCAS1

Entrez GeneID	8537
GeneBank Accession#	HQ258323.1
Protein Accession#	ADR83077.1
Gene Name	BCAS1
Gene Alias	AIBC1, NABC1
Gene Description	breast carcinoma amplified sequence 1
Omim ID	602968
Gene Ontology	Hyperlink
Gene Summary	This gene resides in a region at 20q13 which is amplified in a variety of tumor types and associated with more aggressive tumor phenotypes. Among the genes identified from this region, it was found to be highly expressed in three amplified breast cancer cell lines and in one breast tumor without amplification at 20q13.2. However, this gene is not in the common region of maximal amplification and its expression was not detected in the breast cancer cell line MCF7, in which this region is highly amplified. Although not consistently expressed, this gene is a candidate oncogene. [provided by RefSeq]
Other Designations	-

Disease

- [Genetic Predisposition to Disease](#)
- [Neoplasm Invasiveness](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)