

Recombinant Full Length Human BCAS1 Protein, GST-tagged

Cat. No. BCAS1-1601HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BCAS1 full-length ORF (ADR83077.1, 1 a.a. - 584 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	584 amino acids
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	90.7 kDa
AA Sequence	MGNQMSVPQR VEDQENEPEA ETYKDNASAL NGVPVVVSTH TVQHLEEVDL GISVKTDNVA TSSPETTEIS AVADANGKNL GKEAKPEAPA AKSRFFLMLS RPVPGRTGDQ AADSSLGSVK LDVSSNKAPA NKDPSESWTL PVAAGPGQDT DKTPGHAPAQ DKALSAARDP TLLPPETGGA GGEAPSKPKD SSFFDKFFKL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DKGQEKVPGD SQQEAKRAEH QDKVDEVPGL SGQSDDVPAG KDIVDGKEKE
 GQELGTADCS VPGDPEGLET AKDDSQAAAI AENNNSIMSF FKTLVSPNKA
 ETKKDPEDTG AEKSPTTSAD LKSDKANFTS QETQGAGKNS KGCNPSGHTQ
 SVTTPEPAKE GTKEKSGPTS LPLGKLFWKK SVKEDSVPTG AEENVVCESP
 VEIISKEVE SALQTVDLNE GDAAPEPTA KLKREESKPR TSLMAFLRQM
 SVKGDGGITH SEEINGKDSS CQTSDESTKT ITPPEPEPTG APQKGKEGSS
 KDKKSAAEMN KQKSNKQEAQ EPAQCTEQAT VDTNSLQNGD KLQKRPEKRQ
 QSLGGFFKGL GPKRMLDAQV QTDPVSIGPV GKSK

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 BCAS1 breast carcinoma amplified sequence 1 [Homo sapiens]

Official Symbol BCAS1

Synonyms BCAS1; breast carcinoma amplified sequence 1; breast carcinoma-amplified sequence 1; AIBC1; NABC1; novel amplified in breast cancer 1; amplified and overexpressed in breast cancer

Gene ID 8537

mRNA Refseq NM_003657

Protein Refseq NP_003648

MIM 602968

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UniProt ID

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