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

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	DKGQEKVPGD SQQEAKRAEH QDKVDEVPGL SGQSDDVPAG KDIVDGKEKE GQELGTADCS VPGDPEGLET AKDDSQAAAI AENNNSIMSF FKTLVSPNKA ETKKDPEDTG AEKSPTTSAD LKSDKANFTS QETQGAGKNS KGCNPSGHTQ SVTTPEPAKE GTKEKSGPTS LPLGKLFWKK SVKEDSVPTG AEENVVCESP VEIIKSKEVE SALQTVDLNE GDAAPEPTEA KLKREESKPR TSLMAFLRQM SVKGDGGITH SEEINGKDSS CQTSDSTEKT ITPPEPEPTG APQKGKEGSS KDKKSAAEMN KQKSNKQEAK 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	O75363

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