

# Recombinant Full Length Human BCAS1 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human BCAS1 full-length ORF (ADR83077.1, 1 a.a. - 584 a.a.) recombinant protein with GST tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	584 amino acids
<b>Description</b>	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.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	90.7 kDa
<b>AA Sequence</b>	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 AENNSIMSF FKTLVSPNKA  
 ETKKDPEDTG AEKSPTTSAD LKSDKANFTS QETQGAGKNS KGCNPSGHTQ  
 SVTTPEPAKE GTKEKSGPTS LPLGKLFWKK SVKEDSVPTG AEENVVCESE  
 VEIISKEVE SALQTVDLNE GDAAPEPTA KLKREESKPR TSLMAFLRQM  
 SVKGDGGITH SEEINGKDSS CQTSDSTEKT ITPPEPEPTG APQKGKEGSS  
 KDKKSAEMN 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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