

Recombinant Full Length Human BCAN Protein, GST-tagged

Cat. No. BCAN-1595HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BCAN full-length ORF (AAH09117.1, 1 a.a. - 911 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	911 amino acids
Description	This gene encodes a member of the lectican family of chondroitin sulfate proteoglycans that is specifically expressed in the central nervous system. This protein is developmentally regulated and may function in the formation of the brain extracellular matrix. This protein is highly expressed in gliomas and may promote the growth and cell motility of brain tumor cells. Alternate splicing results in multiple transcript variants.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	125.5 kDa
AA Sequence	MAQLFLPLLA ALVLAQAPAA LADVLEGDSS EDRAFRVRIA GDAPLQGVLG GALTIPCHVH YLRPPPSRRA VLGSPRVKWT FLSRGREA EV LVARGVRVKV NEAYRFRVAL PAYPASLTDV SLALSELRPN DSGIYRCEVQ HGIDDSSDAV EVKVKGVVFL YREGSARYAF SFSGAQEACA RIGAHATPE QLYAAYLGGY EQCDAGWLSD QTVRYPIQTP REACYGDMDG FPGVRNYGVV DPDDLVDVYC

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YAEDLNGELF LGDPPEKLTLE EEARAYCQER GAEIATTGQL YAAWDGGLDH
 CSPGWLADGS VRYPIVTPSQ RCGGGLPGVK TLFLFPNQTG FPNKHSRNV
 YCFRDSAQPS AIPEASNPAS NPASDGLEAI VTVTETLEEL QLPQEATESE
 SRGAIYSIPI MEDGGGGSST PEDPAEAPRT LLEFETQSMV PPTGFSEEEG
 KALEEEEEKYE DEEEKEEEEE EEEVEDEALW AWPSELSSPG PEASLPTEPA
 AQEKSLSQAP ARAVLQPGAS PLPDGESEAS RPPRVHGPPT ETLPTPRERN
 LASPSPSTLV EAREVGEATG GPELSGVPRG ESEETGSSEG APSLLPATRA
 PEGTRELEAP SEDNSGRTAP AGTSVQAQPV LPTDSASRGG VAVVPASGDC
 VPSPCHNGGT CLEEEEGVRC LCLPGYGGDL CDVGLRFCNP GWDAFQGACY
 KHFSTRRSWE EAETQCRMVY AHLASISTPE EQDFINNRYR EYQWIGLNDR
 TIEGDFLWSD GVPLLYENWN PGQPDSYFLS GENCVVMVWH DQGQWSDVPC
 NYHLSYTCKM GLVSCGPPPE LPLAQVFGRP RLRYEVDTVL RYRCREGLAQ
 RNLPLIRCQE NGRWEAPQIS CVPRRPARAL HPEEDPEGRQ GRLLGRWKAL
 LIPPSSMPG P

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 BCAN brevican [Homo sapiens]

Official Symbol BCAN

Synonyms BCAN; brevican; brevican core protein; BEHAB; brevican proteoglycan; chondroitin sulfate proteoglycan 7; CSPG7; MGC13038; chondroitin sulfate proteoglycan BEHAB; brain-enriched hyaluronan-binding protein

Gene ID 63827

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mRNA Refseq	NM_021948
Protein Refseq	NP_068767
MIM	600347
UniProt ID	Q96GW7

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