

Recombinant Human BCAN, His-tagged

Cat. No. BCAN-10161H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BCAN protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	23-350a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name BCAN brevican [Homo sapiens]

 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

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
mRNA Refseq	NM_021948
Protein Refseq	NP_068767
UniProt ID	Q96GW7
Chromosome Location	1q31
Function	binding; hyaluronic acid binding; sugar binding;

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