

Brevican Core Protein/BCAN/BEHAB Recombinant Protein | BCAN/BEHAB recombinant protein

Recombinant Human Brevican Core Protein/BCAN/BEHAB (C-6His)

CATALOG # AAA78606	HOST 293HEK cells
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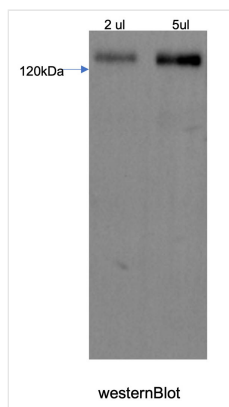
PRODUCT SYNONYMS

Brevican Core Protein/BCAN/BEHAB; Recombinant Human Brevican Core Protein/BCAN/BEHAB (C-6His); BCAN/BEHAB recombinant protein

PRODUCT SPECIFICATIONS

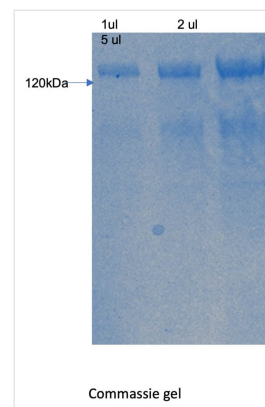
Host	293HEK cells
Form/Format	0.2mg/ml in sterile PBS + 10% glycerol.
Sequence	DVLEGDSSSED RAFRVRIAGD APLQGVLGGA LTIPCHVHYL RPPPSRRAVL GSPRVKWTFL SRGREAEVLV ARGVRVKVNE AYRFRVALPA YPASLTDVSL ALSELRPND SGIYRCEVQH GIDDSSDAVEV KVKGVVFLYR EGSARYAFSF SGAQEACARI GAHIATPEQL YAAYLGGYE QCDAGWLS DQTVRYPIQTPRE ACYGDMDGFP GVRNYGVVDP DDLYDVYCYA EDLNGELFLG DPPEKLTLEE ARAYCQERGA EIATTGQLYA AWDGGLDHCS PGWLADGSRV YPIVTPSQRC GGGLPGVKTL FLFPNQTGF NKHSRNFVYC FRDSAQPSAI PEASNPASNP ASDGLEAIVT VTETLEELQL PQEATESES RGAISIPIME DGGGGSSTPE DPAAEPRTLL EFETQSMVPP TGFSEEEGKA LEEEEKYEDE EEEEEEEEE EDEDEALWAW PSELSSPGPE ASLPTEPAAQ EKSLSQAPAR AVLQPGASPL PDGESEASRP PRVHGPPPTET LPTPRERNLA SPSPSTLVEA REVGEATGGP ELSGVPRGES EETGSSEGAP SLLPATRAPE GTRELEAPSE DNSGRTAPAG TSVQAQPVLP TDSASRGGVA VVPASGDCVP SPCHNGGTCL EEEEGVRCLC LPGYGGDLCD VGLRFCNPGW DAFQGACYKH FSTRRSWEEA ETQCRMYGAH LASISTPEEQ DFINNRYREY QWIGLNDRTI EGDFLWSDGV PLYENWNPG QPDSYFLSGE NCVVMVWHDQ GQWSDVPCNY HLSYTCKMGL VSCGPPPELP LAQVFGRPRL RYEVDTVLRY RCREGLAQRN LPLIRCQENG RWEAPQISCV PRRPARALHP EEDPEGRQGR LLGRWKALLI PPSSPMPGPH HHHHH
Endotoxin	Less than 0.1ng/ug (1 IEU/ug) as determined by LAL test.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.

IMAGES



WB (Western Blot)

Figure 2: Western Blot of 2ul and 5 ul of Brevian



Application Data

Figure 1: Coomassie Gel with 1ul, 2ul, and 5 ul of Brevican

ADDITIONAL INFORMATION

Related Product Information for BCAN/BEHAB recombinant protein	Recombinant Human Brevican Core Protein is produced by our Mammalian expression system and the target gene encoding Asp23-Pro911 is expressed with a 6His tag at the C-terminus. Brevican Core Protein (BCAN) is a secreted protein that belongs to the aggrecan/versican proteoglycan family. BCAN contains one C-type lectin domain, one EGF-like domain, one Ig-like V-type domain, one Sushi (CCP/SCR) domain and two Link domains. BCAN may play a role in the terminally differentiating and the adult nervous system during postnatal development. BCAN could stabilize interactions between hyaluronan (HA) and brain proteoglycans.
Product Categories/Family for BCAN/BEHAB recombinant protein	Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	38372935
NCBI GeneID	63827
NCBI Accession #	NP_068767.3
NCBI GenBank Nucleotide #	NM_021948.4
UniProt Accession #	Q96GW7 ; Q5SZ10 ; Q5T3I5 ; Q8TBB9 ; Q9HBK1 ; Q9HBK4 ; D3DVC2
Molecular Weight	99,118 Da
NCBI Official Full Name	brevican core protein isoform 1
NCBI Official Synonym Full Names	brevican
NCBI Official Symbol	BCAN
NCBI Official Synonym Symbols	BEHAB; CSPG7
NCBI Protein Information	brevican core protein; chondroitin sulfate proteoglycan 7; chondroitin sulfate proteoglycan BEHAB; brain-enriched hyaluronan-binding protein
UniProt Protein Name	Brevican core protein
UniProt Gene Name	BCAN
UniProt Synonym Gene Names	BEHAB; CSPG7; BEHAB
UniProt Entry Name	PGCB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.