

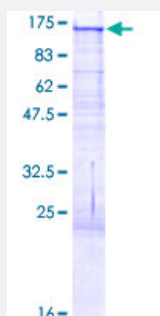
Full-Length

BCAN (Human) Recombinant Protein (P01)

Catalog # H00063827-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human BCAN full-length ORF (AAH09117.1, 1 a.a. - 911 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAQLFLPLLAALVLAQAPAALADVLEGDSSSEDRAFRVRIAGDAPLQGVLGAL TIPCHVHYLRPP
PSRRAVLGSPRVKWTFLSRGREAEVLVARGVRVKVNEAYRFRVALPAYPASLTDVSLALSELRP
NDSGIYRCEVQHGI DDSSDAVEVKVKG VVFLYREGSARYAFSFGAQEACARIGAHATPEQLYAA
YLGGEYEQCDAGWLS DQTVRYPIQTPREACYGDM DGFPGVRNYGVVDPDDL YDVYCYAEDLNGE
LFLGDPPEKLTLEEARAYCQERGAEIATTGQLYAAWDGGLDHCSPGWLADGSVRYPITPSQRC
GGGLPGVKTLFLFPNQTGF PNKHSR FNVCFRDSAQPSAIP EASNPNASNPASDGLEAMTVTETL
EELQLPQEATESES RGAISIPIMEDGGGGSSTPEDPAEAPRTLLEFETQSMVPPTGFSEEEGKA
LEEEEEKYEDEEEKEEEEEEEVEDEALWAWPSELSSPGPEASLPTEPAAQEKSLSQAPARAVL
QPGASPLPDGESEASRPPRVHGPPTETLPTPRERNL ASPSPSTLVEAREVGEATGGPELSGVP
RGESEETGSSEGA PSLLPATRAPEGTRELEAPSEDNSGR TAPAGTSVQAQPVLP TDSASRGGV
AVVPASGDCVPS PCHNGGTCLEEEEGVRCLCLPGYGGDLCDVGLRFCNPGWDAFQGACYKHF
STRRSWEEAETQCRMYGAHLASISTPEEQDFINNRYREYQWIGLNDRTIEGDFLWSDGVPLLYEN
WNP GQPDSYFLSGENCVMVWHDQGGQWSDVPCNYHLSYCKMGLVSCGPPPELPLAQVFGR
PRLRYEVDTVLRYRCREGLAQRNLPLIRCQENGRWEAPQISCVPRRPARALHPEEDPEGRQGRL
LGRWKALLIPPSSPMPGP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

125.5

Interspecies Antigen Sequence

Mouse (81); Rat (81)

Preparation Method[in vitro wheat germ expression system](#)**Purification**

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BCAN

Entrez GeneID[63827](#)**GeneBank Accession#**[BC009117.1](#)**Protein Accession#**[AAH09117.1](#)**Gene Name**

BCAN

Gene Alias

BEHAB, CSPG7, MGC13038

Gene Description

brevican

Omim ID[600347](#)**Gene Ontology**[Hyperlink](#)

Other Designations

OTTHUMP00000032164|OTTHUMP00000032165|brevican proteoglycan|chondroitin sulfate proteoglycan 7|chondroitin sulfate proteoglycan BEHAB|chondroitin sulfate proteoglycan BEHAB/brevican

Disease

- [Brain Ischemia](#)
- [Genetic Predisposition to Disease](#)
- [Stroke](#)