

32-7795: Recombinant Human Brevican Core Protein/BCAN/BEHAB (C-6His)

Description

Source: 293HEK cells.
MW :120kD.

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 Info

Amount :	10 µg / 50 µg
Content :	0.2 mg/ml in sterile PBS + 10% glycerol.
Storage condition :	Brevican protein should be stored at -20°C. For long term storage -80°C.
Amino Acid :	DVLEGDSSSEDRAFRVRIAGDAPLQGVLGALTIPCHVHYLRPPPSRRRAVLGSPRVKWTFLSRGREAEVLVARG VRVKVNEAYRFRVALPAYPASLTDVSLALSELRPNDSGIYRCEVQHGIDSDDAVEVKVKGVVFLYREGSARYA FSFSGAQEACARIGAHIAITPEQLYAAYLGGYEQCDAGWLSQTVRYPIQTPREACYGDMDFPGVRYNYGVVDP DDLVDVYCYAEDLNGELFLGDPPEKLTLEEARAYCQERGAEIATTGQLYAAWDGGLDHCSPGWLADGSRVYPI VTPSQRCGGGLPGVKTLFLFPNQTGFPNKHSRNFVYCFRDSAQPSAIPASNPASNPASDGLEAIVTVTETLEEL QLPQEATESESRGAIYSIPIMEDGGGGSSTPEDPAEAPRTLLEFETQSMVPPTGFSEEEGKALEEEEEKYEDDEEKE EEEEEEVEDEALWAWPSELSSPGPEASLPTEPAAQEKSLSQAPARAVLQPGASLPDGESEASRPPRVHGPPT ETLPTPRERNLASPSTLVEAREVGEATGGPELSGVPRGESEETGSSEGAPSLPATRAPEGTRELEAPSEDNS GRTAPAGTSVQAQPVLPDASARGGVAVVPASGDCVSPCHNGGTCLEEEGVRCCLPGYGGDLCDVGLRF CNPGWDAFQGACYKHFSTRRSWEEAETQCRMYGAHLASISTPEEQDFINNRYREYQWIGLNDRTIEGDFLWS DGVPLLYENWNPQPDSYFLSGENCVMVWHDQGWSDVPCNYHLSYTCMGLVSCGPPPELPLAQVFGFRP RLRYEVDTVLRYRCREGLAQRNPLIRCQENGRWEAPQISCVPRRPARALHPEEDPEGRQGRLLGRWKALLIPP SSPMGPPIHHHHH

Application Note

Always centrifuge tubes before opening. Please aliquot the protein to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

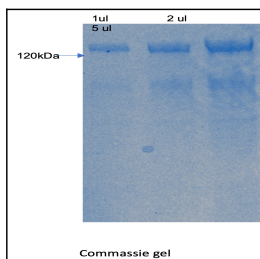


Figure 1: Coomassie Gel with 1ul, 2ul, and 5 ul of Brevican

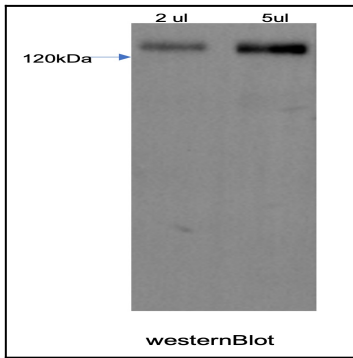


Figure 2: Western Blot of 2ul and 5 ul of Brevian