

Product datasheet for **RC221334**

Brevican (BCAN) (NM_198427) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Brevican (BCAN) (NM_198427) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Brevican
Synonyms:	BEHAB; CSPG7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC221334 representing NM_198427
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCAGCTGTTCTGCCCTGCTGGCAGCCCTGGTCTGGCCAGGCTCCTGCAGCTTTAGCAGATG
 TTCTGGAAGGAGACAGCTCAGAGGACCGCGCTTTTCGCGTGCGCATCGCGGGCGACGCGCCACTGCAGGG
 CGTGCTCGGGCGCGCCCTCACCATCCCTTGCCACGTCCACTACCTGCGGCCACCGCCGAGCCGCCGGCT
 GTGCTGGGCTCTCCGCGGTCAAGTGGACTTTCCTGTCCCGGGCCGGGAGGCAGAGGTGCTGGTGGCGC
 GGGGAGTGCAGTCAAGGTGAACGAGGCCCTACCGTTCCGCGTGGCACTGCCTGCGTACCCAGCGTCGCT
 CACCGACGTCTCCCTGGCGCTGAGCGAGCTGCGCCCAACGACTCAGGTATCTATCGCTGTGAGGTCCAG
 CACGGCATCGATGACAGCAGCGACGCTGTGGAGGTCAAGGTCAAAGGGTCTGCTTTCTCTACCGAGAGG
 GCTCTGCCGCTATGCTTTCTCTTTCTGGGGCCAGGAGGCCGTGCCCGATTGGAGCCACATCGC
 CACCCCGAGCAGCTCTATGCCGCTACCTTGGGGCTATGAGCAATGTGATGCTGGCTGGCTGTGGAT
 CAGACCGTGAGGTATCCCATCCAGACCCACGAGAGGCCCTGTACGGAGACATGGATGGCTTCCCGGGG
 TCCGGAATATGGTGTGGTGGACCCGGATGACCTCTATGATGTGTACTGTTATGCTGAAGACCTAAATGG
 AGAACTGTTCTGGGTGACCCTCCAGAGAAGCTGACATTGGAGGAAGCACGGGCGTACTGCCAGGAGCGG
 GGTGCAGAGATTGCCACCACGGGCAACTGTATGCAGCCTGGGATGGTGGCCTGGACCACTGCAGCCAG
 GGTGGCTAGCTGATGGCAGTGTGCGCTACCCATCGTACACCCAGCCAGCGCTGTGGTGGGGGCTTGC
 TGGTGTCAAGACTCTCTCTCTTCCCCAACAGACTGGCTTCCCAATAAGCACAGCCGCTTCAACGTC
 TACTGTTCCGAGACTCGGCCAGCCTTCTGCCATCCCTGAGGCCCAACCCAGCCTCCAACCCAGCCT
 CTGATGGACTAGAGGCTATCGTACAGTGACAGAGACCCTGGAGGAAGTGCAGCTGCCTCAGGAAGCCAC
 AGAGAGTGAATCCCGTGGGGCCATCTACTCCATCCCATCATGGAGGACGGAGGAGGTGGAAGCTCCACT
 CCAGAAGACCCAGCAGAGGCCCTAGGACGCTCCTAGAATTTGAAACACAATCCATGGTACCGCCACGG
 GTTCTCAGAAGAGGAAGGTAAGGCATTGGAGGAAGAAGAGAAATATGAAGATGAAGAAGAGAAAGAGGA
 GGAAGAAGAAGAGGAGGAGGTGGAGGATGAGGCTCTGTGGGATGGCCAGCGAGCTCAGCAGCCCGGGC
 CCTGAGGCCTCTCTCCCACTGAGCCAGCAGCCAGGAGGAGTCACTCTCCAGGCAGCAGCAAGGGCAG
 TCCTGCAGCCTGGTGCATCACCACTTCTGATGGAGAGTCAGAAGCTTCCAGGCCTCAAGGGTCCATGG
 ACCACCTACTGAGACTCTGCCACTCCAGGGAGAGGAACCTAGCATCCCATCACCTTCCACTCTGGTT
 GAGGCAAGAGAGGTGGGGGAGGCAACTGGTGGTCTGAGCTATCTGGGGTCCCTCGAGGAGAGAGCGAGG
 AGACAGGAAGCTCCGAGGGTGCCCTTCCCTGCTTCCAGCCACACGGGCCCTGAGGGTACCAGGGAGCT
 GGAGGCCCCCTCTGAAGATAATTCTGGAAGAACTGCCCCAGCAGGGACCTCAGTGCAAGGCCAGCCAGTG
 CTGCCACTGACAGCGCCAGCCGAGGTGGAGTGGCCGTGGTCCCGCATCAGGTAATTCTGCCAAAGGCT
 CAACTGCCCTCTATCTACTCTTTCTTCCCCTGCAGCTCTGGGTCAAC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_198427.2](#)

RefSeq Size: 2873 bp

RefSeq ORF: 2016 bp

Locus ID: 63827

UniProt ID: [Q96GW7](#)

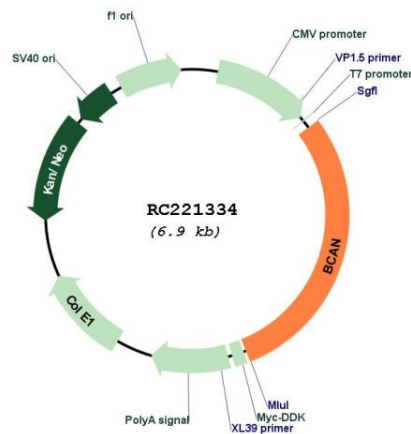
Cytogenetics: 1q23.1

Protein Families: Secreted Protein

MW: 71.5 kDa

Gene Summary: 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. [provided by RefSeq, Sep 2011]

Product images:



Circular map for RC221334