

Product datasheet for **SC123686**

Brevican (BCAN) (BC010117) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Brevican (BCAN) (BC010117) Human Untagged Clone
Tag:	Tag Free
Symbol:	Brevican
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC010117 edited

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GGCACGAGGATGGAATAGCCAATGATGCAGCAAGAGAATTGAAGGTTAGACTACAGGCA
GGACTTCCTAGAGATCAGGTTTATCCACTGGCTGTGCACTCCCATTCCAGGCCACTGT
TTATCCCCCATCTCCCTGCCCTCTCAGCATCTGCCTTCATACCTGTCCCTGCACCTTCC
TAAGCCTGAGATGATGGAAATTTCTACTTTTCCCAGATCCTCCCACCTCCCTGCCATC
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GAGTGGCACAACCAGATGCTTAGGGCTCTCTGACCTTTCAGAGGGAGGAGGTTCTTG
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TTCTGGGGCTGGAGTGGGACCATTGGGCAGGAGCAGCCAGTGCCACCGGGTCTGGGA
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CAGATCCCTCTCGTATAGAATCTGAAATGTGGATGATGCTGTTATAAATAGCAAAGTTAG

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CCATAGCAACATAGGCACTGGTAATACTGTGGGTGGGTCTAAGGGTAACACTGTTCCCTG
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 TCTTCCCCCGCCCTGCCCGCCCTCCCGGGGCGCCCGCCCTGGTCCGGAGCG
 CGGGGCTCTCGGACGGTACGGGACCCGCTGCCTTCTGTCTCGGCTCCGGCAGCAGC
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 TGTTCAAAGAAGAAGGAGGAGGGAGTCAATTAGACTGTAAAGAAGTGATGAAGGAGAAT
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 AAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:

>OriGene 5' read for BC010117 unedited
 GGATAGCGTCAAATTTGTATACGACTCATATAGGCGGCCGNAATTCGCACGAGGATGG
 AATAGGCCAATGATGCAGCAAGAGAATTGAAGGTTAGACTACAGGCAGGACTTCCTAGAG
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 TCCCTGCCCTCTCAGCATCTGCCTTCATACCTGTCCCTGCACTTCTCTAAGCCTGAGATG
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 CCCCCACTGTGTCTGGATATCATTCCCTAGGGTCAGAGTTGGGAGAGGAGTGGCACAAAC
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 AGAGGTGCGGAGACCAGCTCCAGACATTGGGGTCTTGGGAGGACTGTTCTGGGGCTGGA
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 AGAGACCCATATAGTTGGAGTCATTTGGGGCCAAACCCCTGGACCACCTTTCACCTCT
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 GAACATGGAGGGCAACCTACCCTTGACCCAAAAATGGGAGTCACTGACCAGTGAGGCCA
 AGAGGGTAGCCCCGTGCAAGTTCTGAGAGACTCTGTCTCCAGTCTCGGGCTCAN

Restriction Sites:

Please inquire

ACCN:

BC010117

Insert Size:

3266 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">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:	<u>BC010117.1</u> , <u>AAH10117.1</u>
RefSeq Size:	3266 bp
Locus ID:	63827
Cytogenetics:	1q23.1
Protein Families:	Secreted Protein
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]