

Product datasheet for **SC205903**

Betacellulin (BTC) (NM_001729) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Betacellulin (BTC) (NM_001729) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BTC
ACCN:	NM_001729
Insert Size:	1948 bp



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Insert Sequence: >SC205903 3'UTR clone of NM_001729
 The sequence shown below is from the reference sequence of NM_001729. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAAGATATTGAAGAGACAAATATTGCTTAAAGGCTATGAAGTTACCTCCAGTTGGTGGCAAGCTGCA
AAGTGCCTTGCTCATTGAAAATGGACAGAATGTGCTCAGGAAAACAGCTAGTAGACATGAATTTTAA
ATAATGTATTTACTTTTTATTTGCAACTTTAGTTTGTGTTATTATTTTTTAAAGAACATTAATTATA
TGTATATTGTCTAGTAATTGGGAAAAAGCAACTGGTTAGGTAGCAACAACAGAAGGGAAATTTCAATA
ACCTTTCACTTAAGTATTGTCACCAGGATTACTAGTCAAACAAAAAGAAAAGTAGAAAGGAGGTTAGG
TCTTAGGAATTGAATTAATAATAAAGCTACCATTTATCAAGCATTACCATGTGCTAATAAGTTTGAAA
TATATTATTTCTTTATCCTTTTCAGCAATCCATGAGATAGCTATTATAATCCTCATTTCCTACATATG
GAAACAGGGCCAAAGAAGTCAAGTCAAATAATCTAATCCAGATTTAGAGAGTTGGAGATTGGTAGAGAC
AGACTAGAAATCAAGATTTATCTAAATCAAATCTATGCTTTAACCATCATTTTTGTTAGTCTGAATC
GGTGCAACCTAACTCAATAATATAACCCAAAGGTTTTATACTGAACTGTGTTTTGGTATGATTGTGAGAT
GTCAAGACCGTCTTCCCACAGGCACACAGAATGAGAAATCCTGGCCTATATTGCTGTTACCATCATGCT
TTCTATAGAATTGGCTTTTATTATGTTTCTTTGCTCCTTTATAAATTTCTCAATGATGTGACTACATTTT
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CATTATGTTCTTGATGACAGCATATATGATTGCTCTCAGGTAATTTTGATGCAGTAAATTCATGACC
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TGCTGAAATCGCATATTACCTTCTAGCATCCATGGTGTGTTTGTGAGTGAAGCTGGGGCTGTACTTACATAT
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TCTCCTGATTTAATGGTCATACTTGAACACAATTATATCCAACGATCCATGTTGTATATGCCTTATT
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TGGAAATAATATCCATTAGAGCTTTTAAAAACACAAAACAATGCTTTAATGTTTCTTTTTCTGGACT
GAGTTTGGCTGACCAACAAAATCTCTCAAGCCATTTTGTGTTGATCCTAAAATATCAATGGTGGCTCTC
GAAATTTGGTAGATCTGATATCAAGAAAGAAATTTCAAAGATTTTTATATCTTTTCAAAATGTATTTTAT
AGTTGCTTTGCATACACTAAATAACTTTGTTTATGTAACGTCAATATTATCATGTAATAAAAATAAAT
TTATTTTTAAACAAA
ACGCGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001729.4](#)

Summary:

This gene encodes a member of the epidermal growth factor (EGF) family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the secreted growth factor. A secreted form and a membrane-anchored form of this protein bind to multiple different EGF receptors. This protein promotes pancreatic cell proliferation and insulin secretion, as well as retinal vascular permeability. Mutations in this gene may be associated with type 2 diabetes in human patients. [provided by RefSeq, Nov 2015]

Locus ID:

685

MW:

75.8