

Product datasheet for **SC212589**

Biglycan (BGN) (NM_001711) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Biglycan (BGN) (NM_001711) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: BGN
Synonyms: DSPG1; MRLS; PG-S1; PGI; SEMDX; SLRR1A
ACCN: NM_001711
Insert Size: 1131 bp
Insert Sequence: >SC212589 3'UTR clone of NM_001711
 The sequence shown below is from the reference sequence of NM_001711. 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
GCCATCCAGTTTGGCAACTACAAAAAGTAGAGGCAGCTGCAGCCACCGCGGGCCTCAGTGGGGTCTC
TGGGGAACACAGCCAGACATCCTGATGGGGAGGCAGAGCCAGGAAGCTAAGCCAGGGCCAGCTGCGTC
CAACCCAGCCCCCACCTCGGGTCCCTGACCCAGCTCGATGCCCATCACCGCCTCTCCCTGGCTCCC
AAGGGTGCAGGTGGGCGCAAGGCCCGGCCCCATCACATGTTCCCTTGGCCTCAGAGCTGCCCTGCTC
TCCCACCACAGCCACCCAGAGGCACCCATGAAGCTTTTTTCTCGTTCACTCCAAACCAAGTGTCCA
AGGCTCCAGTCTAGGAGAACAGTCCCTGGGTCAGCAGCCAGGAGGCGGTCCATAAGAATGGGGACAGT
GGGCTCTGCCAGGGCTGCCGCACCTGTCCAGACACATGTTCTGTTCTCCTCCTCATGCATTTCCAG
CCTTTCAACCCTCCCGACTCTGCGGCTCCCCTCAGCCCCCTTGCAAGTTCATGGCCTGTCCCTCCCAG
ACCCCTGCTCCACTGGCCCTTCGACCAGTCTCCCTTCTGTTCTCTCTTTCCCGTCTTCTCTCTCT
CTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT
TCTTGTGCTTCTCAGACCTTCTCGCTTCTGAGCTTGGTGGCCTGTTCCCTCCATCTCTCCGAACCTG
GCTTGCCTGTCCCTTCTCACTCCACACCTCTGGCCTTCTGCCTTGTGAGCTGGGACTGCTTCTGTCTGT
CCGGCCTGCACCCAGCCCTGCCACAAAACCCAGGGACAGCAGTCTCCCAGCCTGCCCTGCTCAGG
CCTTGCCCCAAACCTGTACTGTCCCGAGGAGGTTGGGAGGTGGAGGCCAGCATCCCGCGCAGATGA
CACCATCAACCGCAGAGTCCCAGACACCGTTTTCTAGAAAGCCCTCACCCCCACTGGCCCACTGGT
GGCTAGGTCTCCCTTATCCTTCTGGTCCAGCGCAAGGAGGGGCTGCTTCTGAGGTCGGTGGCTGTCTT
TCCATTAAGAAACACCGTGCAACGTG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



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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:	<u>NM_001711.6</u>
Summary:	This gene encodes a member of the small leucine-rich proteoglycan (SLRP) family of proteins. The encoded preproprotein is proteolytically processed to generate the mature protein, which plays a role in bone growth, muscle development and regeneration, and collagen fibril assembly in multiple tissues. This protein may also regulate inflammation and innate immunity. Additionally, the encoded protein may contribute to atherosclerosis and aortic valve stenosis in human patients. This gene and the related gene decorin are thought to be the result of a gene duplication. [provided by RefSeq, Nov 2015]
Locus ID:	633
MW:	40.5