

Product datasheet for **SC210666**

Aggrecan (ACAN) (NM_013227) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Aggrecan (ACAN) (NM_013227) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ACAN
Synonyms: AGC1; AGCAN; CSPG1; CSPGCP; MSK16; SEDK; SSOAOD
ACCN: NM_013227
Insert Size: 902 bp
Insert Sequence: >SC210666 3'UTR clone of NM_013227
The sequence shown below is from the reference sequence of NM_013227. 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
CGGAGGAGCCGCCAGCACAGCCACTGAAGAGCTTCCAGGACGCCACCCAGGACGCTGAGCCCAGG
AGCCTGCCAGGCTGACGTGCATCCCACCCAGACGGTGTCTTCTTGTGCGCTTTTGTGCATATAAGGA
ATCCCATTAAGAAGGAAAAAATAAATCCACATTTGTGTATGCACCCACTCACCCCTCCAATACAGC
AAAACCGCATCTAATTTGTCCGCGAATGCCAAAGCAAAGCAAACCTTATTATAACCCCTGGACTGAGTT
TAGAGACATTTCTCAATTTCCCATCGTGCCTTCCAGGGACCAAGTGCAGGGACAGGGGAGAAGGGGA
GGGGTTAAGTTAAATAAAGAAGATTATTTTTGTTTCTGACTTTATCCAAGAGCAGTGAATCGTTGGT
TATTTACCTCCAGGGAGAGCTAGGGAGGAGGGAGGGGCTCCAAGGAGCTGGAAGGAGCAGAGGCC
TGAGAGCAGGAAGAACTCGGAACCGCAGCTGAATGTATTGGATGAGAAGGAGCCAGGAGGGCTACACCA
TCTGTATGAGGGAAAAGCCTTGGGGGAGAGGGTGGGTTCCCTCCTGCCGAGGGTAAGCCGGCAGG
AGAGAGCCATCAGAGGGACCTCCGCTGCCTGGGAGTTGGGTTCCCTCCAAGGGTCCCTCTTTCAGTGC
CTCTCTCACCTGGGTCTGCCACCCTAACAGGTGGCAACTCGGCAGGGCTGCTGGGGGCACTTCCCTGC
CCAGTGGGGGTGCCGCCAACCTTCTCCCTCCCAACCCCGCCCGGACCGTGCAGGCACCCAGGG
TTCCGTGCACCTATTTATATTTTGAAGAACTGAAGATTATAATATTATAATAATAAAGACATTGGA
AGAGA
ACGCGTAAGCGGCCCGGCATCTAGATTGCAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).



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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_013227.4</u>
Summary:	This gene is a member of the aggrecan/versican proteoglycan family. The encoded protein is an integral part of the extracellular matrix in cartilagenous tissue and it withstands compression in cartilage. Mutations in this gene may be involved in skeletal dysplasia and spinal degeneration. Multiple alternatively spliced transcript variants that encode different protein isoforms have been observed in this gene. [provided by RefSeq, Jul 2008]
Locus ID:	176
MW:	32.4