

Product datasheet for **SC210665**

Aggrecan (ACAN) (NM_001135) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Aggrecan (ACAN) (NM_001135) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ACAN
Synonyms:	AGC1; AGCAN; CSPG1; CSPGCP; MSK16; SEDK; SSOAOD
ACCN:	NM_001135
Insert Size:	156 bp
Insert Sequence:	>SC210665 3'UTR clone of NM_001135 The sequence shown below is from the reference sequence of NM_001135. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CGGAGGAGCCGCCAGCACAGCCACTGAAGAAGACTTCCAGGACGCACCCAGGACGCTGAGCCAGG AGCCTGCCAGGCTGACGTGCATCCCACCCAGACGGTGTCTTCTTGTGCGCTTTTGTGCATATAAGGA ATCCCATTAATAAAAAAAAAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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_001135.1



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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: 5.8