

Product datasheet for **SC215749**

CSGALNACT1 (NM_018371) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CSGALNACT1 (NM_018371) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CSGALNACT1
Synonyms:	beta4GalNAct; ChGn; ChGn-1; CSGalNAct-1; SDJLABA
ACCN:	NM_018371
Insert Size:	1649 bp



[View online »](#)

Insert Sequence: >SC215749 3'UTR clone of NM_018371
The sequence shown below is from the reference sequence of NM_018371. 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
AACAGAAAGACAAGTAGCAAAAAACATGAACTCCAGAGAAGGATTGTGGGAGACACTTTTTCTTTCC
TTTTGCAATTACTGAAAGTGGCTGCAACAGAGAAAAGACTTCCATAAAGGACGACAAAAGAATTGGACT
GATGGGTGAGAGATGAGAAAAGCCTCCGATTCTCTGTTGGGCTTTTTACAACAGAAATCAAATCTC
CGCTTTGCCTGCAAAAGTAACCCAGTTGCACCCTGTGAAGTGTCTGACAAAGGCAGAATGCTTGTGAGA
TTATAAGCCTAATGGTGTGGAGTTTTGATGGTGTTCACAACACACTGAGACCTGTTGTTTTGTGTGCT
CATTGAAATATTCATGATTTAAGAGCAGTTTTGAAAAAATTCATTAGCATGAAAGGCAAGCATATTTTC
TCCTCATATGAATGAGCCTATCAGCAGGGCTCTAGTTTCTAGGAATGCTAAAATATCAGAAGGCAGGAG
AGGAGATAGGCTTATTATGATACTAGTGAGTACATTAAGTAAAAATAAATGGACCAGAAAAGAAAAGAA
ACCATAAATATCGTGTACATATTTCCCAAGATTAACCAAAAATAATCTGCTTATCTTTTTGGTTGTCC
TTTTAACTGTCTCCGTTTTTTTTCTTTATTTAAAAATGCACTTTTTTTCCCTTGTGAGTTATAGTCTGC
TTATTTAATTACCACTTTGCAAGCCTTACAAGAGAGCACAAAGTTGGCCTACATTTTTATTTTTAAG
AAGATACTTTGAGATGCATTATGAGAACTTTCAGTTCAAAGCATCAAATTGATGCCATATCCAAGGACA
TGCCAAATGCTGATTCTGTCAGGCAGTGAATGTGAGGCATTGAGACATAGGGAAGGAATGGTTTGTACT
AATACAGACGTACAGATACTTTCTGAAAGATTTTTCGAAGAGGAGCAACTGAACACTGGAGGAAAA
GAAAATGACACTTTCTGCTTTACAGAAAAGGAACTCATTGACTGGTGATATCGTGATGTACCTAAA
AGTCAGAAACCACTTTCTCCTCAGAAGTAGGGACCGCTTCTTACCTGTTTAAATAAACCAAAAGTAT
ACCGTGTGAACCAACAATCTCTTTTCAAACAGGGTGCTCCTCCTGGCTTCTGGCTTCCATAAGAAGA
AATGGAGAAAAAATATATATATATATTGTGAAAGATCAATCCATCTGCCAGAATCTAGTGGGATGG
AAGTTTTTGTACATGTTATCCACCCAGGCCAGGTGGAAGTAACTGAATTATTTTTTAAATTAAGCAG
TTCTACTCGATCACCAAGATGCTTCTGAAAATTGCATTTTATTACCATTCAAACATTTTTTAAAAAT
AAATACAGTTAACATAGAGTGGTTTCTTCATTCATGTGAAAATTATTAGCCAGCACCAGATGCATGAGC
TAATTATCTTTGAGTCTTGTCTGTTTGTCTCACAGTAACTCATTGTTTAAAAGCTTCAAGAACA
TTCAAGCTGTTGGTGTGTTAAAAATGCATTGTATTGATTTGACTGGTAGTTTATGAAATTTAATTAA
AACACAGGCCATGAATGGAAGGTGGTATTGCACAGCTAATAAAAATGATTTGTGGATATGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_018371.5](#)

Summary: This gene encodes an enzyme that transfers N-acetylglucosamine (GalNAc) to the core tetrasaccharide linker and to elongating chondroitin sulfate chains in proteoglycans. Knockout of the orthologous mouse gene indicates that the protein is necessary for normal cartilage development and aggrecan metabolism. Mutations in this gene are associated with multiple sclerosis progression, and with mild skeletal dysplasia and joint laxity. [provided by RefSeq, Aug 2017]

Locus ID: 55790

MW: 64.8