

Product datasheet for **SC215971**

CHSY1 (NM_014918) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CHSY1 (NM_014918) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CHSY1
Synonyms:	CHSY; ChSy-1; CSS1; TPBS
ACCN:	NM_014918
Insert Size:	1691 bp



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Insert Sequence: >SC215971 3'UTR clone of NM_014918
 The sequence shown below is from the reference sequence of NM_014918. 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
AATAATAATGGCTCAGTGAGGACAGCCATATGTCAGCTTTGCTGGAAAAGACGTTTTTAATTATCTAA
TTTTTTTTCAAAAATTTTTTGTATGATCAGTTTTTGAAGTCCGTATACAAGGATATATTTTACAAGTG
GTTTTCTTACATAGGACTCCTTTAAGATTGAGCTTTCTGAACAAGAAGGTGATCAGTGTTTGCCTTTGA
ACACATCTTCTTGTGAACATTATGTAGCAGACCTGCTTAACTTTGACTTGAAATGTACCTGATGAACA
AACTTTTTTAAAAAATGTTTTCTTTGAGACCTTTGCTCCAGTCTATGGCAGAAAACGTGAACAT
TCCTGCAAAGTATTATTGTAACAAAACACTGTAECTCTGGTAAATGTTCTGTTGTGATTGTTAACATTC
CACAGATTCTACCTTTTGTGTTTTTTTTTTTTTTTACAATTGTTTTAAAGCCATTTTCATGTTCCAGT
TGTAAGATAAGGAAATGTGATAATAGCTGTTTCATCATTGCTTTCAGGAGAGCTTTCAGAGTTGATCA
TTTCTCTCATGGTACTCTGCTCAGCATGGCCAGTAGGTTTTTGTGTTTGTGTTTGTCTTTTTT
TGAGACGGAGTCTCACTCTGTTACCCAGGCTGGAATGCAGTGGCGCAATCTTGGCTCACTTTAACCTCC
ACTTCCCTGGTTCAAGCAATCCCTGCCTTTGCCTCCCGAGTAGCTGGGATTACAGGCACACACCACC
ACGCCCAGCTAGTTTTTTGTATTTTTAGTAGAGACGGGGTTCCACCATGCAAGCCCAGCTGGCCACGT
AGGTTTTAAAGCAAGGGGCGTGAAGAAGGCACAGTGAGGTATGTGGCTGTTCTCGTGGTAGTTTCATTG
GCCTAAATAGACTGGCATTAAATTTCAAGAAGGATTTGGCATTCTCTCTTGACCCTTCTCTTTAA
AGGGTAAAATATTAATGTTTAGAATGACAAAGATGAATTATTACAATAAATCTGATGTACACAGACTGA
AACATACACACATACACCCTAATCAAAACGTTGGGAAAAATGATTTGGTTTTGTTCTTTCATCCTGT
TCTGTGTTATGTGGGTGAGATGGTTTTTCATTCTTTCATTACTGTTTTGTTTTATCCTTTGTATCTGAA
ATACCTTTAATTTATTTAATATCTGTTGTTTCAGAGCTCTGCCATTTCTTGAGTACCTGTTAGTTAGTAT
TATTTATGTGTATCGGGAGTGTGTTTAGTCTGTTTTATTTGCAGTAAACCGATCTCCAAAGATTTCCCTT
TTGGAAACGCTTTTTCCCTCCTTAATTTTTATTTCTTACTGTTTACTAAATATTAAGTGTCTTTT
GACAATTTTGGTCTCATGTGTTTTGGGACAAAAGTGAATGAATCTGTCATTATACCAGAAAGTTAA
ATTCTCAGATCAAATGTGCCTTAATAAATTTGTTTTTCATTTAGATTTCAAACAGTGATAGACTTGCCAT
TTTAATACACGTCATTGGAGGGCTGCGTATTTGTAATAGCCTGATGCTCATTGGAAAAATAAACCCAG
TGAAACAATATTTTCTATTGTACTTTTGAACCATTTTGTCTCATTATTCCTGTTTTAGCTGAAGAATT
GTATTACATTTGGAGAGTAAAAAECTTAAACACGA
ACGCGTAAAGCGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCACCGCCGCTTCTATGAAAGG
  
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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_014918.5](#)

Summary: This gene encodes a member of the chondroitin N-acetylgalactosaminyltransferase family. These enzymes possess dual glucuronyltransferase and galactosaminyltransferase activity and play critical roles in the biosynthesis of chondroitin sulfate, a glycosaminoglycan involved in many biological processes including cell proliferation and morphogenesis. Decreased expression of this gene may play a role in colorectal cancer, and mutations in this gene are a cause of temtamy preaxial brachydactyly syndrome. [provided by RefSeq, Dec 2011]

Locus ID: 22856

MW: 65.4