

## Product datasheet for **SC212936**

### SGSH (NM\_000199) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** SGSH (NM\_000199) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** SGSH  
**Synonyms:** HSS; MPS3A; SFMD  
**ACCN:** NM\_000199  
**Insert Size:** 1206 bp  
**Insert Sequence:** >SC212936 3'UTR clone of NM\_000199  
The sequence shown below is from the reference sequence of NM\_000199. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CAGTGCCAGCCCCTCCACAATGAGCTGTGACATCCCAGGAGGCCTGTGCACACATCCCAGGCATGTCC
CAGACACATCCCACACGTGTCCGTGTGGCCGCCAGCCTGGGAGTAGTGGAACAGCCCTCCGTCCA
CACTCCCATCCAAGGAGGTTCTTCCTTCTGTGGGTCACTCTTGCCATTGCCTGGAGGGGACCAGA
GCATGTGACCAGAGCATGTGCCAGCCCCTCCACCACCAGGGGCACTGCCGTCATGGCAGGGGACACAG
TTGTCCTTGTGTCTGAACCATGTCCCAGCACGGGAATTCTAGACATACGTGGTCTGCGGACAGGGCAGC
GCCCCAGCCCATGACAAGGGAGTCTTGTCTTCTGGCTTGGTTTGGGGACCTGCAATGGGAGGCCTGA
GGCCCTTTCAGGCTTTGGCAGCCACAGATACTTCTGAACCCCTCACAGAGAGCAGGCAGGGGCTTCGG
TGCCGCGTGGGCAGTACGCAGGTCCCACCGACTCACCTGGGAGCACGGCGCTGGCTCTTACCAGCG
TCTGGCCTAGAGGAAGCCTTTGAGCGACCTTTGGGCAGGTTTCTGCTTCTTCTGTTTTGCCCATGGTC
AAGTCCCTGTTCCCAGGCAGGTTTCAGCTGATTGGCAGCAGGCTCCCTGAGTGATGAGCTTGAACCTG
TGGTGTCTTCTGGCAGAAGCTTATCTTTTTGAGAGTGTCCGAAGATGAAGGCATGGCGATGCCCGTCC
TCTGGCTTGGGTTAATTCTTCGGTGACTGTCGATTGCTGGGTGGTATGCCCGTCTCTGGCTTGGGT
TAATTCTTCGGTGACTGGCGTTGCTGGGTGGCAATGCCCATCTCTGCCTTGGGTTAATTCTTCGGT
GACTGGCGTTGCTGGGTGGCGATGCCCGTCTCTGGCTTGGGTTAATTCTTGGATGACGTTCGGCGTT
GCTGGGAGAAATGTGCCGTTCTGCCCTGCCTCCACCCACTCGGGAGCAGAAGCCCGGCTGGACACCC
CTCGGCCTGGACACCCCTCGAAGGAGAGGGCGCTTCTTGAGTAGGTGGGCTCCCTTGCCTTCCCTC
CCTATCACTCCATACTGGGTGGGCTGGAGGAGCCACAGGCCAGCTATTGTAAGCTTTTTATTTTA
GTAATAATACAGAAGTTCTTTTTCTGAACTCA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_000199.5</a>
<b>Summary:</b>	This gene encodes the enzyme sulfamidase; one of several enzymes involved in the lysosomal degradation of heparan sulfate. Mutations in this gene are associated with the lysosomal storage disease mucopolysaccharidosis IIIA, also known as Sanfilippo syndrome A, which results from impaired degradation of heparan sulfate. Transcripts of varying sizes have been reported but their biological validity has not been determined. [provided by RefSeq, Jun 2017]
<b>Locus ID:</b>	6448
<b>MW:</b>	43.7