

## Product datasheet for SC323719

### HYLS1 (NM\_145014) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HYLS1 (NM_145014) Human Untagged Clone
Tag:	Tag Free
Symbol:	HYLS1
Synonyms:	HLS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM\_145014.1  
 GCGCGACTGGCAGGACGCGGTGCAGAGAGCGGACTCCGCGACGGGTTTTTTTTTTTAC  
 TTGAATGTAAATACCAATCAAGATACATTGAAATAAGAAGTCCACAGTGTAGGGGAAG  
 CAATGGAAGAAGTCTACCTGATGGACAAATATGGGCTAATATGGATCCAGAAGAACGAA  
 TGTTGGCAGCTGTACAGCTTTTACCCACATCCGTGCAGGGCAGGGTGAAGGAGATGTCA  
 GGAGAGAAGCCCAATCTATCCAATATGATCCCTACAGTAAAGCTTCAGTAGCCCCAGGGA  
 AGCGACCTGCTCTTCTGTGCAACTACGTACCCACATGTAGAAAAGTAATGTCCCTTCAG  
 AAACAGTCTCTGAGGCCTCCCAAAGACTCCGAAAGCCAGTGATGAAGAGAAAAGGTGCTGC  
 GCAGAAAGCCAGATGGGGAAGTATTAGTAACAGATGAGTCGATTATCAGTGAATCAGAAT  
 CTGGTACAGAAAATGATCAGGATCTCTGGGACTTAAGACAAAAGGCTGATGAATGTACAGT  
 TCCAGGAAGACAAGGAATCTTCATTTGATGTTTACAAAAATTTAACCTACCACATGAAT  
 ACCAAGGAATTTCTCAAGATCAGCTCATTGCTCTCTACAAAGAGAAGGAATGGGCTCTC  
 CAGCTTACGAACAAGACCTGATTGTTGCCAGCAGACCCAAAGTCCTTTATTCTCCCAAAGC  
 TGGACCAGTTAAGCCGAAACCGGGCAAGACAGACCGGGTAGCCCGGTATTTTGTAGTACA  
 AACGGGACTGGGACTCAATACGTTTACCTGGTGAAGATCATAGAAAAGGAATTACGCTGGG  
 GTGTCCGAGAGCAGATGCTTTGTGCGAGCAGAACCCCAATCCAAACCTCAGCATATATAG  
 TCCCAAACAATTATCTAGTACCAACAGAGAAGAAAAGGCTGCACTCCGTTGGGGTGTTC  
 GTTGTGACCTTGCAAATGGTGTACATACCCAGGAAGCTTCCCTTCCCTCTTCTCCTTCTT  
 AAATCTTTTTAACTTCTTTTACAGGATTGTTTGAGATAACCTAGCTCTTTATATCTTCC  
 CTTTTAAATAGAAACAAGTCTTGGAGAAGCTTTCGAAACATTTTATGGTAAGGACTTC  
 ACCTATCATTGGTCTTTCTAGCTATATATCACATTGGTATCAGATGATACTTCCAAATT  
 GCCACTCAAATCCAGCAATTGCAAGATAAATCATATCAGAGAAAGAACACAGACCTGGT  
 CTTTCTATTTGTCAAATTAGTAAGGGCCCTTTGTGCTGTAACTTTTTTTACCTATCA  
 ATATGAGTTGCTGTGCTTCAGTGTGTGTTTTTAAAGTTGCTGGGCATTACACTTACCAAT  
 TAAAGAATTTTGGAAATCAAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT



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<b>ACCN:</b>	NM_145014
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_145014.1</a> , <a href="#">NP_659451.1</a>
<b>RefSeq Size:</b>	1812 bp
<b>RefSeq ORF:</b>	900 bp
<b>Locus ID:</b>	219844
<b>UniProt ID:</b>	<a href="#">Q96M11</a>
<b>Cytogenetics:</b>	11q24.2
<b>Gene Summary:</b>	<p>This gene encodes a protein localized to the cytoplasm. Mutations in this gene are associated with hydrolethalus syndrome. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Oct 2008]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript. Variants 1 and 2 encode the same protein.</p>