

Product datasheet for **SC316739**

SOHLH1 (NM_001101677) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SOHLH1 (NM_001101677) Human Untagged Clone
Tag:	Tag Free
Symbol:	SOHLH1
Synonyms:	bA100C15.3; bHLHe80; C9orf157; NOHLH; ODG5; SPATA27; SPGF32; TEB2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001101677, the custom clone sequence may differ by one or more nucleotides

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ATGGCGTCCCGGTGCTCCGAGCCCTACCCGAGGTCTCCAGAATCCCTACCGTCAGGGGATGCAACGGCT
CCCTGTCTGGTGCCTCTCCTGCTGCGAGGACTCGGCCAGGGCTCGGGCCGCCAAGGCCCTACGGT
GGCCGAGGGTCCCAGCTCCTGCCTTCGGCGGAACGTGATCAGCGAGAGGGAGCGCAGGAAGCGGATGTCG
TTGAGCTGTGAGCGTCTGCGGGCCCTGCTGCCAGTTTCGATGGCCGGCGGGAGGACATGGCCTCGGTCC
TGGAGATGTCTGTGCAGTTCCTGCGGCTTGCCAGCGCCCTGGGGCCAGTCAGGAGCAGCAGCTATTCT
TGCTTCTCCAAGGAAATGTGGCACTCGTTGCAGGAGGATGTTTTACAGTTGACGTTGTCGAGTCAGATT
CAAGCAGGTGTGCCAGACCCTGGGACGGGAGCGTCCAGCGGGACTCGAACCCAGATGTGAAGGCGTTTC
TGGAAAGTCCCTTGGTCCCTGGATCCAGCGTCGGCCAGCCAGAGCCCGTCCCGCACATCCTTGCCTCCTC
CAGGCAGTGGGACCCCGGAGCTGCACGTCCTTGGGCACGGACAAGTGTGAGGCACTGTTGGGGCTGTGC
CAGGTGCGGGGTGGGCTGCCCTTTCTCAGAACCTTCCAGCCTGGTGGCGTGGCCCCAGGCCGGAGTC
TTCTAAGGCTGTGAGGCCACCCCTGTCTGGCCTCCGTTCTCGCAGCAGCAGACCTTGGCCGTGATGAG
CGGGGAGGCCCTTGGCTGGCTGGCCAGGCTGGGCCCTGGCCATGGGGGCTGCACCTCTGGGGGAGCCA
GCCAAGGAGGACCCATGCTGGCGCAGGAGGCCGGGTCTCGTGGGGTCTGATGTGGACGATGGGACGT
CCTTCTGCTGACTGCTGGTCCCAGCTCGTGGCCGGGGTCTCTGGAGGGTTCAGGAGGACAGTGGCCCTGC
ATGGGCCCCAGCTGAGAGCAGTCCACTGGATGTTGGAGAGCCAGGCTTCTAGGGGACCCGAGCTTGGC
TCCCAGGAGCTCCAGGACAGCCCTCTGGAGCCGTGGGGCCCTGGATGTGGACTGTGCAGGCCTGGCCCTGA
AGGACGAGGTGGAGAGCATCTTCCCTGACTTCTTGCCTGCTAG
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Restriction Sites:	Please inquire
ACCN:	NM_001101677
Insert Size:	1200 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001101677.1.
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_001101677.1</u> , <u>NP_001095147.1</u>
RefSeq Size:	1425 bp
RefSeq ORF:	1164 bp
Locus ID:	402381
UniProt ID:	<u>Q5JUK2</u>
Cytogenetics:	9q34.3
Gene Summary:	<p>This gene encodes one of testis-specific transcription factors which are essential for spermatogenesis, oogenesis and folliculogenesis. This gene is located on chromosome 9. Mutations in this gene are associated with nonobstructive azoospermia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2013]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (a).</p>