

Product datasheet for **SC106235**

SOHLH2 (BC013944) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | SOHLH2 (BC013944) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | SOHLH2 |
| Synonyms: | C13orf38 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >NCBI ORF sequence for BC013944, the custom clone sequence may differ by one or more nucleotides

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GGGGGGGGGGCGGTTGGGGTTCACCGCCTCGTGCCGTAAGTGTCTGGGTGGCCCTTAATGTCTTGTGC
TCTAAGGTGCTGAGGGGAAAGACGCGGGAGGTCTCTGGCCTGACACTATGAAGGAAGAGAGAACTACAA
CTTCGACGGTGTGAGCACCAACCGCCTGAAACAGCAGTTGCTGGAAGAAGTCCGCAAGAAGGATGCAGTG
CAACTCTCAATATTTGAACTAAGACACAAGATTACGGAAGTGAAGCCAACTCAATACTGACAATGAAG
GTAGTGAATGAAAAACCGTTATGAGACACAACCTGAATTAATGATGAACTAGAAAAAGCAAATGTTTA
TCTCAAGGAGAAAAGTGGAAAAATCCATGGAACTCTTCAGATAGACTATCTTCTATTCTGTCTATGAA
CGAATGCCAGTAAAAGTATGAGGTTTGCAGTCCAGGGTGGTGCAGTGGCTGTATAATGCCTTCAGGAAT
CCAGGCTTCCCCTAAGTTTCTACTCTGCCATCCATTTGTGAGTGGCTTTTGTCTCGTGTAAAGATGG
CTGCTTCGCTTCTCAGCTGCTCAGTTATCATTCAAAAAAGACATAGGTGAAGGAGAAATGGTAAAG
GTGAAAGCCGGTACGTCTACTCCCCTTCAAAGAGCTTTCTAAGATGCTGCACCCAGTAATCCCCTTGA
CATTTCATTGGGAGTTAGAACTGTATCATATGGGCACCTTCGTGTGCATGACAGGCTAGGAAATATAGTG
TTTTACTGAATATACAGGAAGAAGAGAAGAGTGGATTGTGAGCGTACAGTTGGCTGTATCTGCCACACAC
AAAGTCATTTAAAGTGAAGGCATTTCAATTTATGTATTCAATTCATTCATACATATTCGTTCAACA
TGTATTCGGCTGATATTTTGGAAAAATAAAGGTATAGAAAAAGAAATACATAAAATCAACATATCCA
CTGTAGACAGTCTGTTTTAGTAAATTTTGTATGCATACATATTGATTAAGAAAGCAACCAAAATAAAT
AAGTCAGCCAACAACAAAGTAAAAAGGATTACAGCTAGTTTTATTGTTGTTTAAAATATAATTATAA
CCTTACCGCATGGACAGTTTTGAATCCTATGCTAATTGGGGTAATTAAGTCAATTATTTTCATATGTTATG
TTCTCTTCATGTGCATTTTTCAATGATATATTATGTTCCATTGTGTTGGAATGTGAATGTTCAATTACTT
TTCCCTAAGTGGGATTTTTAGGTTGTTTCTGGTTTTAATTTTGAAGTGAACCCACAGAGTGTATTAT
GGCAAACAACCTCATATTCTAGTATTTATAAATCTTCAGATCTTTGTCCCTTTTGGACATTTAAATGTTTT
AATGAAAAACAATTTATAGAGTTGAGATCCCTTTTATTCTCCTCCCTGTCTTCTTTTTGTTTCCTTTTCAT
AGGCAAGGACTACCATGAATTTGGTATATATTATTCAGTTTATTTTAAATATCTCTACATGTTGTAT
GTATAAAATGCATATAAAAAGTATCGTACTGTGCATATCATTCTTTTACTCATTATTTAATTCATTCA
TGTTAATAAAGATCTAGTAAATTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for BC013944 unedited

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CACATTTGTATACGACTCCTATAGGCGGCCGNAATTCGCACGAGGGCAGGCGCGGGAG
GTGCGACCGGGGGGCGGTTGGGGTTCACCGCCTCGTGCCGTAAGTGTCTGGGTGGCC
TTAATGTCTTGTGCTCTAAGGTGCTGAGGGGAAAGACGCGGGAGGTCTCTGGCCTGACAC
TATGAAGGAAGAGAGAACTACAACCTCGACGGTGTGAGCACCAACCGCCTGAAACAGCA
GTTGCTGGAAGAAGTCCGCAAGAAGGATGCAGTGAACCTCAATATTTGAACTAAGACA
CAAGATTACGGAAGTGGAAAGCCAACTCAATACTGACAATGAAGGTAGTGAATGGAAAAAC
CCGTTATGAGACACAACCTGAATTAATGATGAACTAGAAAAAGCAAATGTTTATCTCAA
GGAGAAAGTGGAAAAATCCATGGAACTCTTCAGATAGACTGTCTTCTATTCTGTCTA
TGAACGAATGCCAGTAAAAGTATGAGGTTTGCAGTCCAAGGGTGGTGCAGTGGCTGTATA
ATGCCCTCAGGAATCCAGGCTTCCCCTAAGTTTCTACTCTGCCATCCATTTGAAAAATA
GACATCTTATTAGTTGGAGATGTCAGTGTGGGCTACCTGGCTGACTGTACAGAACTA
TTTGCAACATAGCAGAAGTACCATCACCATCAGTGACACGAAGGAGGCAGCAGCGCTT
TTGGATGATTGCATATTTCAACATGGTTCTCTTGAAGGTGCCTTTTCACTAGTGCCGAG
GAGCTGGAAAGCCATCAGTTAATTAGATCTGGCANAAGAAAATACACATCACTGTNTGNT
NNTATATCCCCTGANATNNTAAGGCTGTATTTACAGNCATGGNATGGATATTTGCTNNTA
CTGACACTGACATGGNANAATGATATGTGGTAATACTGGACACATGTCCCTCAAACCTG
NTAGACTGAAACGCACTGGNCCTGAAACTAGATGCCCTGC
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Restriction Sites:

NotI-NotI

ACCN:

BC013944

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| Insert Size: | 2750 bp |
| 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). |
| 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: | BC013944.1 |
| RefSeq Size: | 1667 bp |
| RefSeq ORF: | 1667 bp |
| Locus ID: | 54937 |
| Cytogenetics: | 13q13.3 |
| Protein Families: | Transcription Factors |
| Gene Summary: | This gene encodes one of testis-specific transcription factors which are essential for spermatogenesis, oogenesis and folliculogenesis. This gene is located on chromosome 13. The proteins encoded by this gene and another testis-specific transcription factor, SOHLH1, can form heterodimers, in addition to homodimers. There is a read-through locus (GeneID: 100526761) that shares sequence identity with this gene and the upstream CCDC169 (GeneID: 728591). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2013] |