

Product datasheet for **RN211757**

Sohlh2 (NM_001034961) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sohlh2 (NM_001034961) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sohlh2
Synonyms:	RGD1304752
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211757 representing NM_001034961
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATG**CCGACAGGATCAGCACTGGGAGCTAGGCCGGAGGCCGGGCAGGGAAGAGTAGACCTTTTGCTAG**
 TTGGAGATGCCACACGATATTTCTGGCTGGTTCTGTGCAGAAATCTTTTCCAGCACAGCACAGATCAC
 CCTGACCATTAGCAACGTGAAGAAGGTAGCTGCGCTTCTGGCTGCTAACTCGTTTGACATAATCTTCTTG
 AAGGTGACTTCTACCTTAACTGCAGAGGAGCAGGAGGCCGTGAGATTGATTAGATCTGGCAAGAAGAAAA
 ACACACATTTGCTGTTTCTTTGTAATACCTGAAAACTTAGAGGCTATATTTAGATTATGGAGCTGA
 TATTAGTTTCAATGAGCCACTGACCTTGGAAAAAGTGAACACTGTGATAAACTACTGGAAAAAGTATTTT
 ACAATAACGGATATGGGGAACACTGAGTTGCCTCCAGAATGCAGACTCTACTTCCAGACTTCTGCAGCG
 AACTCGGAGGGCATTCCCTACAGATCTGTTTCTTTGCTCTGAACTGCTGAACAATGACTGGACTTGG
 ATTAAGGCCCGCTGTGAGTCCAGAGAGAAACAAAAAGGCTTCTTTTCTTCACTCAAGCAAAGAAAAAG
 CTGAGACGAGAGCGCATCAAGTTTTGCTGTGAGCAGCTGCGCACCTCCTGCCATACGTCAAGGGGAGGA
 AGAGTGATGTGGCTTCCGTCATCGAGGCCACAGTTGATTATGTGAAGCAGGTCGGGAGTCTCTCTCGCC
 AGCCATTATGGCCAGATTACAGAATCCCTTCCAGAGCAATAAGAGGTTTTCTAAGAGACAGATGCCCATC
 GAGCTGTTCTCCCTGCACAGCCACATCAGAGGGGAGATGCTATGCTGACAAGTGTCTTCTCACCTG
 TGCAAGAGATCCAGCTCCTGGCTGACCAGGGCTTGAATGTCTATTCATGCTGTCAGGAGGACCTTT
 GGAGGAAGCTGTGAGAGGTCAGCCGGGCTCTGTTTCCAGAGGATCTTTATAAGACTCGAGTCCCAGCAGC
 ACTCTCTCTGAACTCCTTCCATGCTGTCAGATACTGCTCTGGACCCGCTCTCTCCCATGAGGCAGCTG
 CCAGAACAACCCAGAACATTTCCATTTATTTACCACCCACTGGGCCAGTGTGTCAGCTTTACTCCTCA
 GCACTGCAATGCCATGCTTTGCCCAACAGCCAGCCAGCTCCAGTTGTCTGTGCACTTCCGGCCATGAG
 CTCCCAGCCAGTTCTCGCACTGCCTCATCCAGCATCTTTCGTGGGTTCCGAGAATCAGACTCGGGTCACC
 AGGCTTCTCAGCAACCCACTGGGCCGCTCTGCGAGCTCAAGACAGCAGTTACTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001034961

Insert Size: 1389 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:

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: [NM_001034961.1](#), [NP_001030133.1](#)
RefSeq Size: 2365 bp
RefSeq ORF: 1389 bp
Locus ID: 619575
UniProt ID: [Q3MHT3](#)
Cytogenetics: 2q26
Gene Summary: Probable transcription factor, which may be involved in spermatogenesis and oogenesis.
[UniProtKB/Swiss-Prot Function]