

Product datasheet for MC212805

Sohlh1 (NM_001001714) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sohlh1 (NM_001001714) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sohlh1
Synonyms: Gm110; Nohlh
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212805 representing NM_001001714
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGTCCGGTGGCCACGAGCGGGCCAATGAGGATTACAGAGTCTCTGGCATTACGGGATGCAGCAAGA
CTCCTCAGCCTGAGACTCAGGACAGCTTGACAGCTCATCACAAGCTCAGCTCTCTGCACAGCTCTGT
GGCTGCTGCAAACTTGGGCCAGTCTTCGGAGAAACGTGGTCAGCGAGAGAGAACGCAGGAGCGGATC
TCGTTGAGCTGTGAGCACTTGCAGGCTCTACTGCCTCAGTTTGATGGCCGACGGGAGGACATGGCATCTG
TCCTGGAGATGTCTGTACTTCTCCAGCTTGCCACAGCATGGACCCTAGCTGGGAGCAACTCTCTGT
TCCTCAGCCTCCCCAGGAGATGTGGCACATGTGGCAGGGTGTGTTCTGCAGGTAACCCTGGCGAATCAG
ATTGCAGACAGCAAGCCAGACTCCGGTATAGCCAAACCTCTGCTGTGTCTCGGGTACAGGATCCCCAT
GCTTTGGGATGCTGGATACAGACCAGAGCCAGGCTACTGAGAGAGAGTCAGAGCTGCTGGAGAGACCTTC
CTCCTGCCCTGGTCATCGCCAGAGCGGTTGTCTTTCAGTGAGCCAGAGTCTTCCAGCTTGGGTCTGGG
CTCCCACCCTGGATCCCTCACTCATGGCAGCCAGCCACTCCCAGGCAAGTGACATTGTTCTGGTGGGT
CACACCAGGTGGCATCCCTGGCCGGGACCCTGAATCTTCCGGCATGCTGGCTGAGGAGGCAACTGGT
CTTGGCATCTGTGCCTGATGCCAGGTACACCACAGGGGACAGGGTCCGATGTGGTGGATGGAGCACCTTT
CTGATGACCACCAATCCTGACTGGTGGTTGGGGTCCGGTGGAGGGCAGAGGAGGCCAGCCCTTGCCAGGA
GCAGCCCAGTGGATGGGGCAGAGCCAAGCTTCATCGGAGACCCTGAGCTTTGCTCCAGGAGCTCCAGGC
TGGTCTGGAGAGCTGTGGGTTTGGATTTTGGCAGCCCTGGCCTGGCCCTGAAGGATGAAGCGGACAGC
ATCTTCCCTGACTTTTTCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001001714



Insert Size:	1074 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:	<u>NM_001001714.1</u> , <u>NP_001001714.1</u>
RefSeq Size:	1314 bp
RefSeq ORF:	1074 bp
Locus ID:	227631
UniProt ID:	<u>Q6IUP1</u>
Cytogenetics:	2 A3
Gene Summary:	Transcription regulator of both male and female germline differentiation. Suppresses genes involved in spermatogonial stem cells maintenance, and induces genes important for spermatogonial differentiation (PubMed:22056784). Coordinates oocyte differentiation without affecting meiosis I (PubMed:28504655).[UniProtKB/Swiss-Prot Function]