

## Product datasheet for **SC303671**

### NHLH2 (NM\_005599) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** NHLH2 (NM\_005599) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** NHLH2  
**Synonyms:** bHLHa34; HEN2; NSCL2  
**Mammalian Cell Selection:** None  
**Vector:** [pCMV6-XL5](#)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_005599 edited  
GGCTCTCCCACCCTCTCCCGTCTTTCTCTGCTTCCTTGCTACTGTTACTCCAGGAGACG  
TTCACTTTTACCAACCTTTCTCCAAGCATCTCCAAGCCACTGACTATATATATTTTGT  
ACAAGAGACCTAGAAGAGGAAAAAAGGCACGAGACTTTTCAACACATCGTTTAAAAAAT  
CATCAACGAATTTCTTGAATGTTTGAGAACAATTAAGGAAAAAAGCGTTTTTAAAAA  
ATCTATCAACTAAGTGAACAATCATTATCATATCGTCTACATCCTGAGATATTATTGTCCT  
CGCTGCGGACACCAGCTAGATGACAGCTGCTTTTTTCAATTTTGAATGTAATAAATATTTG  
CTGCTTTTAAATTTTTCCGGAATCTCCCCTCGCTATTCTTGAATTTTAACTCTAAAGA  
TTGGAGAACAGATTATCAAAAAGGCTTTTGCAAGCCTCCAAAATGATGCTGAGTCCGGAC  
CAAGCAGCAGATTCGGACCATCCCAGCTCGGCGCACTCGGATCCGGAGTCCCTGGCGGC  
ACGGACACCAAGGTGCTCGGCAGCGTGTGGACCTGGAGCCGGTGGAGGAGGCCGAGGGC  
GACGGCAAGGGCGCAGCCGAGCCGCGCTACCCGCACCCGCAGCAGCTGAGCCGCGAG  
GAGAAGCGCCGCGCCGCGCGCCACGGCCAAGTACCGCTCGGCCACGCCACCCGCGAG  
CGCATCCGCGTGAAGCCTTCAACTTGGCCTTCGCGGAGCTCCGCAAATTGCTGCCACG  
CTGCCCCGGACAAGAAGCTCTCCAAGATCGAGATCCTGCGCCTGGCCATCTGCTACATC  
TCCTATCTCAACCACGTCTGGACGTGTAGGGCGGGTGCGCCGCGGGGGCCGCTGTC  
CCGGCGTCCGGAACGCTACGGATCCGGACGGGCGCGTCTCGGTGGCGGAGGCTG  
CGGTGGCCAGCAGACGGCCGCTCGAGAGACGGCCGGGAAGAAGCTCGCTACCTGTT  
CTCTCTGGTCAGCAGGGCGACGAGGGAAGGT

**Restriction Sites:** Please inquire  
**ACCN:** NM\_005599  
**Insert Size:** 1100 bp



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<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>	<u>NM_005599.2, NP_005590.1</u>
<b>RefSeq Size:</b>	2518 bp
<b>RefSeq ORF:</b>	408 bp
<b>Locus ID:</b>	4808
<b>UniProt ID:</b>	<u>Q02577</u>
<b>Cytogenetics:</b>	1p13.1
<b>Gene Summary:</b>	<p>May serve as DNA-binding protein and may be involved in the control of cell-type determination, possibly within the developing nervous system.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.</p>