

Product datasheet for **SC317181**

NHLH2 (NM_001111061) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NHLH2 (NM_001111061) Human Untagged Clone
Tag:	Tag Free
Symbol:	NHLH2
Synonyms:	bHLHa34; HEN2; NSCL2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001111061 edited GGCTCTCCCACCCTCTC:CCGTCTTCTCTGCTTCTTGTCACTGTTACTCCAGGAGAC GTTCACTTTTACCAACCTTT:CTCCAAGCATCTCCAAGCCACTGACTATATATATT:TT GCTACAAGAGACCTAGAAGAGGAAAAAAGCAGCAGACTTTTCAACACATCGTTTAAAAA AATCATCAACGAATTTCTTGCAATGTTTGAGAACAATTAAGGAAAAAGCGTTTTTTAA AAAATCTATCAACTAAGTGAACAATCATTATATCGTCTACATCCTGAGATATTATTGTC CCTCGTCTCGGACACCAGCTAGATGACAGCTGCTTTTTTCATTTTTGAATGTAATAAATAT TTGCTGCTTTTAAATTTTTCCGGAATCTCCCTCGCTATTCTTGGAAATTTAACTCTAA AGATTGGAGAACAGATTATCAAAAAGGCTTTTGCAAGCCTCCAAAATGATGCTGAGTCCG GACCAAGCAGCAGATTCCGACCATCCCAGCTCGGCGCACTCGGATCCGGAGTCCCTGGGC GGCAGCGACACCAAGGTGCTCGGCAGCGTGTCCGACCTGGAGCCGGTGGAGGAGGCCGAG GGCGACGGCAAGGGCGGAGCCGAGCCGCGCTCTACCCGACCCGAGCAGCTGAGCCGC GAGGAGAAGCGCCGCGCCGCGCGCCACGGCCAAGTACCGCTCGGCCACGCCACCCGC GAGCGCATCCGCGTGGAAGCCTTCAACTTGGCCTTCGCCGAGCTCCGCAAATTGCTGCC ACGCTGCCCGGACAAGAAGCTCTCCAAGATCGAGATCCTGCGCCTGGCCATCTGCTAC ATCTCCTATCTCAACCACGTCTGGACGTGTAGGGCGGGTGCGCCGCGGGGGCCGCT GTCCCGCGTCCGCGAAACGCTACGGATCCGGACGGGCGCCGCTCGCTCGGGTGGCGGAGG CTGGGTGGCCAGCGAGACGGCCGCTCGAGAGACGGCCGGGAAGAAGCTCGCTACCT GTTCTCTGTCAGCAGGGCGACGAGGGAAGGT
Restriction Sites:	Please inquire
ACCN:	NM_001111061
Insert Size:	1100 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:	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.
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_001111061.1</u> , <u>NP_001104531.1</u>
RefSeq Size:	2501 bp
RefSeq ORF:	408 bp
Locus ID:	4808
UniProt ID:	<u>Q02577</u>
Cytogenetics:	1p13.1
Gene Summary:	<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 (2) differs in the 5' UTR, compared to variant 1. 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>