

Product datasheet for **MC226402**

Haghl (NM_001271434) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Haghl (NM_001271434) Mouse Untagged Clone
Tag: Tag Free
Symbol: Haghl
Synonyms: 1500017E18Rik; 2810014I23Rik; C330022E15Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC226402 representing NM_001271434
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGGTCAAAGTCATCCCGTACTTGAAGACAACACTACATGTACCTGATCATTGAGGAACACACGCGGG
AGGCCGTAGCTATAGACGTGGCTGTGGCCGAGAGGTTGCTGGAGATTGCGGGTCGCGAGGGAGTGTCTCT
GACCATGGTGTGTCCACCCATCATCACTGGGACCACACACGTGAAATGCGGAGCTGGCACACATTCTG
CCAGGATTGGCTGTCTTGGGAGCAGATGAGCGCATTTGCGCTCTAACCCGAAGGCTGGAACATGGAGAAG
GGCTTCAGTTTGGGGCCATCCACGTGCGATGCCTCTTGACGCCAGGCCACACCTCTGGCCACATGAGCTA
CTTCTGTGGGAGGATGACTGCCCGGACTACCCAGCCCTTTCTCTGGGGATGCTCTGTCAGTGGCAGGC
TGTGGCTGGCACCTGGAGGACACTGCCAGCAGATGTACCAGAGCTTGGCCAAGACTCTGGGTACCCCTT
CACCCGAGACGAAGGTGTTCTGTGGTCATGAGCATACGCTGAGCAATCTTGAGTTTGCACAGAAAGTGG
GCCCTGCAACGAACACGTGCAAGCTAAGCTGTCTGGGCCAGGTGAGAGGGATGACGAGGATATTCCTA
CTGTGCCTTCGACGCTGGGCGAGGAGCTCATGTACAACCTTTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001271434
Insert Size: 678 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001271434.1</u> , <u>NP_001258363.1</u>
RefSeq Size:	1338 bp
RefSeq ORF:	678 bp
Locus ID:	68977
Cytogenetics:	17 A3.3
Gene Summary:	Hydrolase acting on ester bonds.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) uses an alternate splice site in the coding region, which results in a frameshift, compared to variant 1. The encoded isoform (b) is shorter and has a distinct C-terminus, compared to isoform a.