

Product datasheet for **MC219301**

Hacl1 (NM_019975) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hacl1 (NM_019975) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hacl1
Synonyms:	1600020H07Rik; Hpcl; Phyh2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219301 representing NM_019975
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCAGAAAGTAACTCCGCAGAGGGTAGCGACAGAAGCGAGGAGCAGGTGTCTGGTGCTAAAGTCATCG
 CCCAGGCTCTAAAACTCAAGATGTGGAGTACATGTTTCGGTGTCTGTAGGCATCCCCGTGACCGAAATCGC
 CCTTGCTGCCAGGAACTGGGCATCAAGTACATTGGGATGCGGAATGAGCAAGCGGCTTGTATGCTGCC
 TCTGCAGTTGGATACCTGACAGGCAGGCCAGGAGTGTGCCTTGTGTTTCTGGTCCCGGTCTCATCCAGC
 CCTTGGCGGCATGGCAAATGCAAACATGAACTGTTGGCCCTTGATTGTGATTGGTGGTTCTTCTGAAAG
 AAATCAAGAAGCTATGGGAGCCTTCCAGGAGTTTCCACAGGTTGAAGCTTGCAGATTGTATACCAAGTTC
 TCGGCCCGGCCAAGCACCATAGAGCTCATTCCGTTTATTATTGAAAAGGCAGTGAGGAGCAGTATCTATG
 GTCGCCCGGGAGCTTGTACATTGACATTCCTGCAGATTTTGTGACCCTCCAGGCGAACGTGACTTCTAT
 AAAATACAAGGAGTGCTGCATGCCACCTCCAGTTAGCATGGCAGAAACCTCTGCTGTGTGCGCAGCAGCC
 TCTGTTCTTCGGGATGCCAAGCAACCCCTGCTTATCATCGGAAAAGGCGCTGCCTATTCCACGCAGAGG
 ACAGCATCAGGAAGCTGGTGGAGCAGTGCAGTTTGCATTTTTGCCTACGCCATGGGGAAGGGGTTGT
 CCCTGACAATCATCCAACTGTGTAGGCGCGCCAGATCCAGGGCTTTCAGTCCGCTGACGTGATTGTG
 TTATTTGGTGGAGACTAACTGGATCTTACATTTTGGACTGCCTCAAGATACCAGGCAGACGTGAAGT
 TTATTCAGATTGATATCTGTGCAGAAGAACTGGGAATAATGTCAGGCCTTCTGTGATTTTGTAGGAGA
 TATAGATGCTGTCTCTAAACAGCTTTTAGAACAGTTTGATAAACTCCGTGGCAGTGCCCCCAGACAGC
 CAGTGGTGAAGACTCTGAGGGAGAAAAATGAAGAGCAATGAAGCCATCTCAAGGAACTGGCTTCCCAAA
 AGTCCCTCCCTATGAATTATTACACAGTGTCTACCAGTTCAAGAACAGTTGCCCGGAGACTTTTCAT
 AGTGAGTGAGGGGCAACACCATGGACATCGGACGGACTATGCTTCAGAACTGCCTTCCTCGCCACAGG
 CTGATGCAGGTTCTTTTGAACAATGGGGTTGGCCTGGGATTTGCCATTGCAGCCGCTCTAGTGGCTA
 AAGACAGAAGTCTGGGCAGCGGTCATCTGTGTGGAAGGTGACAGTGCCTTCGGATTTTCTGGCATGGA
 AGTGGAGACCATCTGCAGGTACAACCTGGCAATCATACTTGGTAGTAAACAATAATGGAATTTACCAA
 GGTTTTGACGCTGACACCTGGGAAAAATGCTACATTTTCAAGAAGCTGTACAACCTGCCTCCAAATGT
 GCCTCTTGCCAACTCGCATTATGAGCAGGTGACTGACTGATTTGGAGGCAAAGGATTTTTGTACGAAC
 ACCAGAAGAGCTCAACACTCGCTGAGGCAGGCTCTGCAAGACACAAGTAAACCTGCCTTCTCAACATT
 ATGATTGAGCCACAAAGTACGCGCAAGGCCAGGATTTTCACTGGCTCACCCGTTCTAACAT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_019975
- Insert Size:** 1746 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_019975.3](#), [NP_064359.2](#)

RefSeq Size: 2618 bp

RefSeq ORF: 1746 bp

Locus ID: 56794

UniProt ID: [Q9QXE0](#)

Cytogenetics: 14 B

Gene Summary: Catalyzes a carbon-carbon cleavage reaction; cleaves a 2-hydroxy-3-methylacyl-CoA into formyl-CoA and a 2-methyl-branched fatty aldehyde.[UniProtKB/Swiss-Prot Function]