

## Product datasheet for SC202090

### MCH (PMCH) (NM\_002674) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	MCH (PMCH) (NM_002674) Human 3' UTR Clone
Symbol:	MCH
Synonyms:	MCH; ppMCH
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002674
Insert Size:	207 bp
Insert Sequence:	<p>&gt;SC202090 3' UTR clone of NM_002674</p> <p>The sequence shown below is from the reference sequence of NM_002674. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Red</b>=Cloning site  <b>Blue</b>=Stop Codon</p>

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

GGAAGAGTCTACCGACCTTGTTGGCAAGTCTGATACCTGTTGGTCCACATCATCTTTTCAGAAGAAAATA  
 AAAGCATTTAATTGCCAATGGGAGGAGAAGCCCACTGCTACTATAACTGTGTATGTTAAATGTCTGT  
 TTTAAAGAAAGTAGTGTTAAGATGTATCAGTAACTGAAATGATATGCTTCTCTGTGCATTAACT

ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_002674.2</u>



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**Summary:**

This gene encodes a preproprotein that is proteolytically processed to generate multiple protein products. These products include melanin-concentrating hormone (MCH), neuropeptide-glutamic acid-isoleucine (NEI), and neuropeptide-glycine-glutamic acid (NGE). Melanin-concentrating hormone is a 19-amino acid neuropeptide that stimulates hunger and may additionally regulate energy homeostasis, reproductive function, and sleep. Pseudogenes of this gene have been identified on chromosome 5. [provided by RefSeq, Jul 2015]

**Locus ID:**

5367