

Product datasheet for MR201335

Pmch (NM_029971) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pmch (NM_029971) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pmch
Synonyms: A230109K23Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201335 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAAAGATGACTCTCTCTTCTACATGTTAATGCTGGCTTTTTCTTTGTTTTCTCAAGGTATTTTAC
TTTCAGCTTCCAAGTCCATAAGGAATTTGGAAGATGACATAGTATTTAATACATTTTCAATGGGAAAGC
CTTTCAGAAGGAAGATACTGCAGAAAGATCCGTTGTCGCCCTTCTCTGGAACAATACAAAAACGACGAG
AGCGGTTTCATGAACGATGATGACAATAAGAATCAAAGAACACAGGCTCCAACAGAATCTTGTAACT
ACGGGCTGCCACTGAGTCTGGCTGTAAACCTTACCTCGCTCTGAAAGGATCCGTAGCCTTCCCAGCTGA
GAATGGAGTTCAGAATGCTGAGTCCACACAGGAAAAGAGAGAAACTGGGGATGAAGAAAACCTCAGCTAAA
TTTCCCATAGGAAGGAGAGATTTTGACATGCTCAGGTGTATGCTGGGAAGAGTCTACCGACCATGTTGGC
AAGTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201335 protein sequence
Red=Cloning site Green=Tags(s)

MAKMTLSSYMLMLAFSLFSQGILLSASKSIRNLEDDIVFNTFRMGKAFQKEDTAERSVAVAPSLEQYKNDE
SGFMNDDDNKSNKNTGSKQNLVTHGLPLSLAVKPYLALKGSVAFPAENGVAQNAESTQEKRETGDEENSAK
FPIGRDFDMLRCMLGRVYRPCWQV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

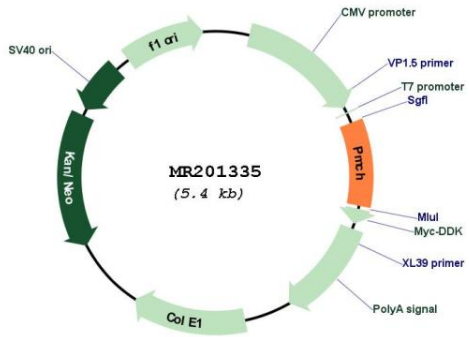
Restriction Sites: SgfI-MluI



MW: 18.5 kDa

Gene Summary: This gene encodes a preproprotein that is cleaved to produce three mature peptides: melanin concentrating hormone, neuropeptide-glutamic acid-isoleucine (NEI), and neuropeptide-glycine-glutamic acid (NGE). The proprotein is processed differently depending on the tissue where it is expressed. Melanin concentrating hormone is involved in the regulation of food intake, energy homeostasis, and sleep-wake behavior. Disruption of this gene is associated with resistance to diet-induced obesity. [provided by RefSeq, May 2013]

Product images:



Circular map for MR201335