

Product datasheet for **MC226109**

Mup17 (NM_001200006) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mup17 (NM_001200006) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mup17
Synonyms: 100039206; Gm12557; MUP 17; OTTMUSG00000007480
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226109 representing NM_001200006
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGATGCTGCTGCTGCTGTGTTGGGACTGACCCTAGTCTGTGTCCATGCAGAAGAAGCTAGTTCTA
CGGGAAGGAACCTTAATGTAGAAAAGATTAATGGGAATGGCATACTATTATCCTGGCCTCTGACAAAAG
AGAAAAGATAGAAGAACATGGCAACTTTAGACTTTTTCTGGAGCAAATCCATGTCTTGGAGAATTCCTTA
GTTCTTAAAGTCCATACTGTAAGAGATGAAGAGTGCTCCGAATTCTATGGTTGCTGACAAAACAGAAA
AGGCTGGTGAATATTCTGTGACGTATGATGGATTCAATACATTTACTATACCTAAGACAGACTATGATAA
CTTTCTTATGGCTCACCTCATTAAACGAAAAGGATGGGAAACCTTCCAGCTGATGGGGCTCTATGGCCGA
GAACCAGATTTGAGTTCAGACATCAAGGAAAGGTTGCACAACATGTGAGGAGCATGGAATCCTTAGAG
AAAATATCATTGACCTATCCAATGCCAATCGCTGCCTCCAGGCCCGAGAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001200006
Insert Size: 543 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).



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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_001200006.1</u> , <u>NP_001186935.1</u>
RefSeq Size:	886 bp
RefSeq ORF:	543 bp
Locus ID:	100039206
UniProt ID:	<u>B5X0G2</u>
Cytogenetics:	4
Gene Summary:	Major urinary proteins (Mups) bind pheromones, thus stabilize them and allow slow release into the air from urine marks. May protect pheromones from oxidation. May also act as pheromones themselves. In this context, they play a role in the regulation of social behaviors, such as aggression, mating, pup-suckling, territory establishment and dominance (By similarity).[UniProtKB/Swiss-Prot Function]