

## Product datasheet for **MC214714**

### Mup20 (NM\_001012323) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mup20 (NM_001012323) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mup20
Synonyms:	darcin; Gm12560; Mup24; OTTMUSG00000007485
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214714 representing NM_001012323 <b>Red</b> =Cloning site <b>Blue</b> =ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGCTGCTGGTGCTGCTGTGTTGGGACTGACCCTAGTCTGTGTCCATGCAGAAGAAGCTAGTT  
CTATGGAAAGGAACCTTAATGTAGAAAAGATTAATGGGAATGGTATACTATTATGCTGGCCACTGACAA  
AAGAGAAAAGATAGAAGAACATGGCAGCATGAGAGTTTTGTGCGAGTACATCCATGTCTTGAGAAATTCC  
TTAGCTCTAAAATCCATATTATTATAAATGAGGAGTCTCTGAAATATTTTTGGTTGCTGACAAAACAG  
AAAAGGCTGGTGAATATTCTGTAACTATGATGGATCGAATACATTTACTATACTTAAGACAGACTATGA  
TAATTATATTATGATTCATCTCATTAAACAAAAGGATGGAGAAACCTTCCAGCTGATGGAGCTCTATGGC  
CGAGAACCAGATTTGAGTTCAGACATCAAGGAAAAGTTTGCACTAAAGCGAGGAGCATGGAATCGTTA  
GAGAAAATATCATTGACCTAACCAATGCCAATCGCTGCCTTGAGGCCCGAGAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	<a href="https://cdn.origene.com/chromatograms/ja1715_a10.zip">https://cdn.origene.com/chromatograms/ja1715_a10.zip</a>
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001012323
Insert Size:	546 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC089613</a> , <a href="#">AAH89613</a>
<b>RefSeq Size:</b>	902 bp
<b>RefSeq ORF:</b>	546 bp
<b>Locus ID:</b>	381530
<b>UniProt ID:</b>	<a href="#">Q5FW60</a>
<b>Cytogenetics:</b>	4 B3
<b>Gene Summary:</b>	Male pheromone which stimulates female sexual attraction to male urinary scent and promotes a strong learned attraction to the airborne urinary odor of an individual male. Promotes male aggressive behavior. Binds most of the male pheromone, 2-sec-butyl-4,5-dihydrothiazole, in urine.[UniProtKB/Swiss-Prot Function]