

## Product datasheet for **MR207384**

### LOC433801 (NM\_001013808) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LOC433801 (NM_001013808) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LOC433801
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR207384 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGTGTGTCTCTGGTAAATACACCACAGGGTCTGTTAACCTTCAAGGATGTGGCCTTGTACTTCTCAC  
 TGGAGGAATGGGAATGTCTCAGTTTTGCTCAGAGGACACTGTACATGGATGTAATGTTGGAGAATTACAA  
 CAATCTTTTGTTCGTGAAAAATCATTGCATACGTGAAAGTATAGGAAGTCTTGGATCAAGACAGCCAG  
 TACGTTGTCCATGAACACATGAATTTCAAGAGAAGTCTTCTAAATGGGACAAGCTTAGCAAGGTGATTC  
 TTGAATCCCCCAATGTACACCTTACAAAATTATCACGGCTCTTCAATACTCGAACAAAAAAGACT  
 TAAGCCCAGGAACACTAAAGAAGTTTGCAATACAATGACTCTGTAACAGTGTAAAGTTTGTCTTACC  
 ATTAGTCTCAATCAAGGAATCCACATGCAGAAGAAAAACACAACCGAAATGCAGAAATTTGCGAAGTTT  
 TTGTTTCTAAACATAAAGTCATGGTGAACGGAACTACTGGAGTGAACCTTACAAATGTAGTGAATT  
 TGACAAATATCTTACCCAGAGAGAAAACTTCAAAGTCAGCAGAGAATTTATCATGGAAAGAAACCTTAC  
 AGAAGTAGTAAAAGTGACAAATGCTTTACCCATCAGATCCATCTTAGTATCCATCAGGGAATTCATGCAG  
 AAGAGAAAATTTACAAATGTAGTGAATGTGACAAATGCTTTACCCACAAATCCTATCTTAATATTATCA  
 GAGAATTCATACAGGAGAGAACCCTTACAAATGCAGTGAATGTGACAAATGTTTTAAACACAAATTCAGT  
 TTAGTATGCATCAGAGAATTCATACAGGAGAGAAACCTTACAAATGTAGTGAATGTGACAAATCCTTTA  
 CCCACAAATCCCATCTTAATAGTCATCAGAGAATTCATACAGGAGAGAAACCTTACAAATGCAGTGAATG  
 TGACAAATGCTTTACCCAAAAATCTCATCTTAGCGTTCATCAGAGAATTCATACAGGAGAGAAACCTTAC  
 AAATGTAGTGAATGTGACAAATGCTTTACCCACAAATCCCATCTTAATAGTCATCAGAGAATTCATACAG  
 GAGAGAAACCTTACAAATGTAGTGAATGTGACAAATGCTTTACCCGAAAAATCCATCTTAGTATTATCA  
 GAGAATTCATACAGGAGAGAAACCTTATAAATGCAGTGAATGTGACAAATGCTTTACTGAAAAAAGCAGT  
 CTGAGAATTCATCAGAGAATTCATACAGGAGAGAAATCCTTACAAATGCAGTGAATGTGACAAATGCTTTA  
 CCCGAAAATTCATCTTAGTATTATCATCAGAAAATCCATACAGGAGAGAAACCTTACAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207384 protein sequence  
 Red=Cloning site Green=Tags(s)

MSVSLVNTQPGLLTFKDVLYFSLEEWELSFQRTLYMDVMLENYNNLLFVENHCIRGKYRKVLDQDSQ  
 YVVHEHMIQEKSSKWDKLSKVILESPQCTPYKTYHGSLQYSNKKRLKPRNTKEVCKYNDVNSVSLFST  
 ISLNQGIHMQKKKHNRNAEFAKVFVSKHKVMVKNRNTGVNPKCSEFDKYLQREKLQSQRRIYHGKPKY  
 RSKSDKCFTHQIHL SIHQIHAEEKIYKCSECDKCFTHKSYLNIHQRIHTGENPKCSECDKCFKHKFS  
 FSMHQRIHTGEKPYKCSECDKSFTHKSHLNSHQRIHTGEKPYKCSECDKCFQKSHLSVHQRIHTGEKPY  
 KCSECDKCFTHKSHLNSHQRIHTGEKPYKCSECDKCFTRKFHLSIHQRIHTGEKPYKCSECDKCFTEKSS  
 LRHQRIHTGENPKCSECDKCFTRKFHLSIHQRIHTGEKPYK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001013808

**ORF Size:** 1392 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001013808.2](#), [NP\\_001013830.1](#)

**RefSeq Size:** 2524 bp

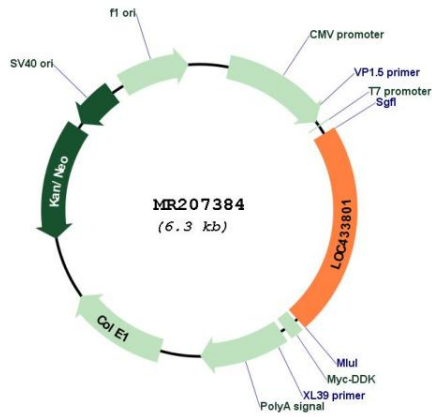
**RefSeq ORF:** 1391 bp

**Locus ID:** 433801

**Cytogenetics:** 4

**MW:** 54.8 kDa

Product images:



Circular map for MR207384