

## Product datasheet for **MR205809**

### Cyp2j13 (BC016446) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp2j13 (BC016446) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cyp2j13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205809 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTCGAAGCCGCGGACTCCCTGGCAGCTGCCTTCTGGGCAGCTCTCCATCTCCGGACTCTGCTGCTAG  
CTGCTGTACACCTTCCTTTTTCTGGCTGACTACCTCAAAGCCGGCGCCCAAGAAGTACCCGCAAGGCC  
GCCGCGTTGCCCTTTGTGGGCAACTCGTTCAGATGGACTTGACGCAGTCGCATCTGGCAGTTCAGAAG  
TTTGTGAAGAAGTATGGGAATGTTATCAGTCTTGATTTTCGGAATCAAGTCTGCAGTCATTATAAGCAGCC  
TGCCCTTAATCAAAGAAGCCTTTTCTCACCTGGATGAAAACCTTTATAAATCGCCGTATATTTCCCTTACA  
AAGACAGATCTTTAATGGAAATGGATTGATCTTCTCCAGTGGCCAGACATGGAAGGAACAAGGAGGTTT  
GCCCTGATGACTGAGGAACTTTGGACTGGGAAAGAAGAGCTTAGAGCATCGAATTCAGGAGGAGGCCCT  
CCCACCTGGTGGAGGCTATAGGGGAAGAGGAAGGACAGCCTTTTGATCCTCACTTCAAGTCTACAGTGC  
AGTTTCCAATATCATTGCTCCATCACCTTTGGGGAACGGTTTGAGTACCATGACAGTCAGTTTCAGGAG  
CTGCTGCAGTTACTGGATAAAGCCATGTACTTGGGTACCACCTCCCTAATGGTCCATTACCCAGGCAAGA  
CTACTACAAGTTTCAATGAAGAAAACCTTATCTGCAGCACTCTGGACCTTCTCTTGCTGGAACAGAGAC  
AACATCCTCAACTACGATGGGCTCTGCTCTACATGGCCCTATACCCAGAAGTCCAAGAAAATGTACAG  
GCTGAAATTGACCGAGTGATTGGCCAGTGAAGCATCCCAGCCTGGCTGACAGAGACTCCATGCCCTACA  
CCAATGCTGTTGTCATGAAATCTGAGAATGGGCAATAGTGTCCCTCTGAATATTTCCAGGGAAGTGGC  
AGTTGACTACTACTGGCTGGATTTCACTTGCCAAAGGAAGCGAGCTTGCCCTCGGAGAACAATTGGCCA  
GGTTTGAGCTCTTTATTTTTTCACTGCCTTGTGCAAAAATTTACCTTCAAGCCCCAGCCAATGAGAA  
CC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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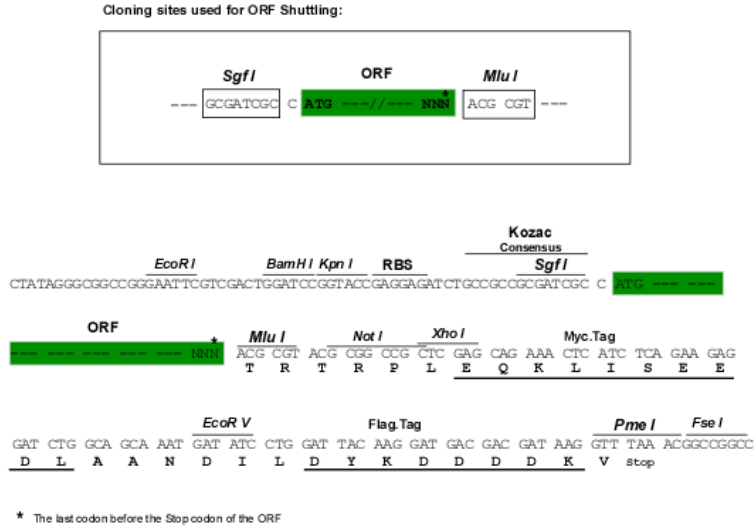
**Protein Sequence:** >MR205809 protein sequence  
Red=Cloning site Green=Tags(s)

MLEAADSLAAAFWAALHLRLLLLAAVTFLFLADYLKSRPKNYPPRPPRLPFVGNFQMDLTQSHLAVQK  
 FVKYGNVISLDFGIKSAVIISLPLIKEAFSHLDENFINRRIPLQRQIFNGNGLIFSSGQTWKEQRRF  
 ALMTRLRNFGLGKKSLEHRIQEEASHLVEAIGEEEGQPFDPHFKIYSAVSNIIICSIITFGERFEYHDSQFQE  
 LLQLLDKAMYLGTTSMLMVHYPGKTTTSFNEENLICSTLDLFLAGTETTSTLRLWALLYMALYPEVQENVQ  
 AEIDRVIGQSKHPSLADRDSMPYTNNAVVHEILRMGNSVPLNIPREYAVDRTL LAGFHLPKESELASENNWP  
 GLSSLFFSLPLCKNLPSQPMPRT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC016446

**ORF Size:** 1122 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:** [BC016446](#), [AAH16446](#)

**RefSeq Size:** 1512 bp

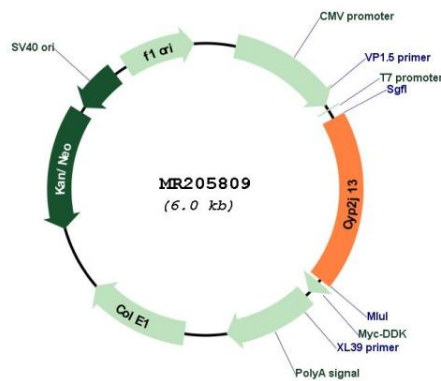
**RefSeq ORF:** 1124 bp

**Locus ID:** 230459

**Cytogenetics:** 4 C5

**MW:** 42.2 kDa

**Product images:**



Circular map for MR205809