

Product datasheet for **MC220157**

Ky (NM_024291) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ky (NM_024291) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ky
Synonyms:	CD1; D9Mgc44e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220157 representing NM_024291
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGCTGAAGAAGGACAGCAACGCTGTGGCCATCGACATGCTGCTCATCGTGCCTCCGAGAAGCGGC
 GCGCGGCCGAAGCCACGCACTTGGACCCGAGGCGAACCCGGGCGCGCTGCTGCAAAACCGAGGAGGATT
 CCAAGGTGTGAGAAACGGAATCCGGAAGTGGCAAGAGTTGGAAGAAAACAGCTTTTCAGGGAACTTGCCA
 GAGAAGCAGTGCCTTCAGCAGCCGAGGTATCACCTCTACGACAACCAAGGTAAGTCTGAGTGTGG
 AAATCCACCCCAAGACGCCATGCCAGCTGCTTAAGAAGTTCTCTTTGGCTAAACGTTTACAAGGTGA
 TAAAAATGAAACATGAGACCCCGCAGCTGGAGGAAAGATGCCACGCCTACCCCTGGGACAGATCC
 AGTTTGAAATCCATGCCCTGGACCTCCGGCTCTTTGAAAACTGGATGCCTCTGCCTCACAGGTGACAG
 TCAAGAGTGGCTGAATGAGCTGGTGAAGTACTGCTCCAGGAAGCCACAGCGATCTGGAAGGGTCAG
 AGCCATCTGGATCTGGATCTGCCACCATATAGAGTACGACGTTGAGGCTGCCAGGAGAAGGACCGCCAG
 GCCTTCAAACCCACTGACATCCTGAGGACCCAGAAGACCAACTGTGATGGTTACGCCGGCCTCTTTGAAA
 GGATGTGCAGGGTGTGGTGTGCAAGTGTGTACCGTGCCTGGCTACTCAAGGGCTTTGGCTACAGAC
 CGGCCAAAGCTTCTCCGAGAGTTGACACACGCCTGGAACGCTGTGTACCTTGAGGGTCTTTGGACCTG
 GTGGACAGCACCTGGGGCAGCGGCTGGTGGACACCAACCTCCAAATTCACCTTCTCTACAATGAAT
 TCTACTTCTCACCCACCCCGCCTGTTTCATCGAGGATCACTTCCAGACAACAAAACTGGCAGCTGCT
 GAAGCCGCCCCAGTCTCTGAGGCAGTTTGAGAACAGTGTACCAAGAGTGAATCTACAACAAGGGC
 ATGCTGAGCGCCACCCGAGACGTCCATGATCAGAACAGTCAATGGGAAAGCCACAATCACCATCGAGA
 GCCGGGCCCAACACTGTTTCATGTTTCATGCTCAATGGCAAGCAGGACGCGGCTCCTGAGCCTCAGGAA
 GAACGGGATGAAGCTGGAGGTGTACCTCCAACCATGGGCACCCACAAGCTGCAGATCTTCGCCAAGGGC
 AACTCTGAAATCTACAGCTCGGTGCTAGAATACACACTCAAGTGCAACTATGTAGACTTCTGTCCAGC
 TGCCAGTGAGCTCCACCAGCCGTGGGCCCGAGCTGGTCTCGGAGCAGATGGGCATCACGAAGCCCTC
 TCACTCTGACCTATCATTACACCAGCGATGGCCGTGCGCCATCAGCTTTAGCGTGGAAGAGGGCGTC
 AGTGTCTGGCATCCCTTCATGGCGATGACGGCCCATCACTGAGGAGACACAGCGGCGTACATCTTCC
 AGTTGAACCGAGGAAGAGGACCGAGCTCAAAGTCCAGCTGCCCATGCCGCAAGTTTGGCCTTAAGAT
 CTTTGTGAAGAAGAGGACGGAACAAGGGAACCTCATCTTTGTCTTCAACTACCTCTGTGCTGCGCAAC
 ACCAAGGTGAAGTGGCCATGTTCCCTGAGAGCTTTGGCAACTGGGACAGGACAATGAAGTCTAGAGC
 CTCTCTCCGGTGTGCTTCCCGCAACCGCAACATAGCCTTCAAATAAGCTGCATGGTATCGCCAAAGC
 TCTGGTGAAGGACAGGACAGTGGCCCTCACTCTTAACCCCGAGGGCTACTGGGAGGGCAGCTGCAAC
 ACAGCTGGCTGCCAGGAAGTCTACGTGATGGTGTAGAGAATGCTAACCAACTTCTACAGCTACATCC
 TGAATACAAAGTGAATGACCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_024291

Insert Size: 1986 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).

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_024291.3, NP_077253.3

RefSeq Size: 5455 bp

RefSeq ORF: 1986 bp

Locus ID: 16716

Cytogenetics: 9 54.54 cM