

Product datasheet for **MR220684**

Cyp20a1 (NM_030013) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp20a1 (NM_030013) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cyp20a1
Synonyms:	A930011N14Rik; Cypm
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR220684 representing NM_030013
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTGGACTTCGCCATCTTCGCCGTGACGTTCTGCTGGCGCTGGTGGGAGCGGTGCTGTACCTCTACC
 CGGCTTCCCGCAAGCTTCAGGAATTCAGGGCTTACTCCAAGTGAAGAAAAAGATGGTAATCTCCAGA
 CATTGTAACAGTGAAGTTTGCATGAGTTCCTGGTTAATTTGCATGAAAGATACGGCCTGTGGTCTCT
 TTCTGGTTTGGCAGCGCTTGTGGTTAGCTTGGGCACCACTGATGTAAGCAACATTTCAACCCCA
 ATAAGACTTCGGACCCATTTGAAACCATGTTGAAGTATTATTAGGGTATCAGTCTGGCGGAGGGAGTGC
 GGGTGAGGACCACGTGAGGAGGAACTGTATGGAGATGCCGTGACAGTCTCTGCATAGTAACTCCCT
 CTCCTGCTACAGCTTTCAGAAGAATTGTTAGATAAATGGCTGCTCCTATCCAGAGACCCAGCACATACCTC
 TGAGCCAGCATATGCTCGGTTTTGCTTTGAAGTTTGTACAAGGATGGTACTGGGTAGCACCTTTGAAGA
 TGAACAGGAGTCCGATTCCAAAAGATTCATGGCACAGTGTGGTCTGAGATTGAAAAGGCTTTCTA
 GATGGGTCACTCGATAAAAACCACTCGAAAAACAGTATCAAGAGGCTCTCATGCAATTGGAATCCA
 CTTTAAAGAAAATCATAAAGGAACGAAAAGGAGGGAATTCAGGCAACACACCTTCATCGACTCCTTAAC
 ACAGGGAAAACCTAATGAGCAACAGATCCTAGAGGACTGTGTGGTGTCTCTGCGCCAGCTGCATAATA
 ACTGCAAGGTTGTACCTGGACGATCCATTTCTTACGACGACTGGAGAAGTTCAGAAGAAGCTATGCA
 AGGAGATAGACCAAGTTTTAGGGGAGGGTCTATCACTTCAGAGAAAATTGAGCAGCTCAGTTATTGTCA
 GCAAGTACTTTTTGAACTGTTCCGACTGCTAACTAACTCCAGTTTCTGCCCGCTTCAAGACATTGAA
 GGAAAAGTCGGCCATTTGTTATTCCTAAGGAGACACTCGTCTTATGCCCTTGGCGTGGTCTTCAGG
 ACCCCAGCATTGGCCATTACCACACAGGTTTGTATCCAGACCGCTTTGCTGACGAGCCAGTGAAGT
 GTTTTCTCTCTGGCTTCTCAGGCACATGGGAATGTCCAGAAGTGAAGTTTGTACATGGTGACCGCA
 GTGCTTGTGAGTGTGTTGCTGAAGAGGCTGCGCCTGCTGCTGTGGACAGACAAGTTTTTGAATGAAGT
 ATGAACTGGTCACATCAGCAAGGAAGAAGCTGGATCACTGTCTCCAAAAGACAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR220684 representing NM_030013
 Red=Cloning site Green=Tags(s)

MLDFAIFAVTFLLALVGAVLYLYPASRQASGIPGLTPTEEKDGNLPDIVNSGSLHEFLVNLHERYGPVVS
 FWFGRRLVVS LGTTDVLKQHFNPNTSDPFETMLKSLLYQSGGGSAGEDHVRRKLYGDAVTSLSHNSFP
 LLLQLSEELLDKWL SYPETQH IPLSQHMLGFALKFVTRMVLGSTFEDEQEVI RFQKIHGTVWSEIGKGF
 DGSLDKNTTRKKQYQEALMQLESTLKKI IKERKGGNFRQHTFIDSLTQGKLEQQILEDVVFSLASCI I
 TARLCTWTIHFLT TTTGEVQK LCKEIDQVLGEGPITSEKIEQLSYCQVLFETVRTAKLTPVSARLQDIE
 GKVGPFVIPKETLVL YALGVVLQDPSTWPLPHRFPDRFADEPVMKVFSSLGFSGTWECPELRFAYMVTA
 VLVSVLLKRLRL LAVDRQVFEMKYELVTSAREEAWITVSKRH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9029_e03.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_030013

ORF Size: 1386 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_030013.3](#), [NP_084289.1](#)

RefSeq Size: 1501 bp

RefSeq ORF: 1389 bp

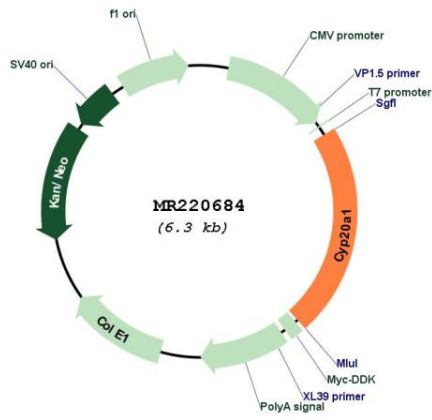
Locus ID: 77951

UniProt ID: [Q8BKE6](#)

Cytogenetics: 1 C2

MW: 52.6 kDa

Product images:



Circular map for MR220684