

Product datasheet for **MR208371**

Cyp4f13 (NM_130882) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp4f13 (NM_130882) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cyp4f13
Synonyms:	0610030I10Rik; Cypf13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR208371 representing NM_130882
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTACAGCTATGTCTGTCTGGCTGGGAATGGGGTCCCTGACTGCCTCTCCGTGGCATCTACTGCTGC
 TGGGAGGGGCATCTTGGATTCTAGCCCGAATTCTGGCCTGGATCTATGCCTTCTATGACAACTGCAGTCG
 CCTTCGTTGCTTCCCTCAGCCCCCTAAACCCAGAGCTGGTCTGGGGTCACTTGGCCTTGATGAAGAACAAC
 GAGGAAAGCATGCAGTTCATAACACATCTGGGCCATGACTTCCATGATGTCCACCTCTCTGGGTTGGAC
 CTGTGTACCCAATCCTGCGACTCGTCCACCCGAATTCATTGCTCCCTGCTCCAAGCCTCAGCTGCTGT
 TGCACCCAAGGAAATGACTCTCTATGGCTTCTGAAGCCCTGGCTGGGGGATGGGCTCCTGATGAGTGT
 GGTGACAAAGTGGAGCCACCACCGACGCTGCTGACACCTGCCTTCACTTTGACATCCTGAAGTCTATG
 TGAAGATTTTTAAACAAGAGTGTGAACATCATGCATGCTAAGTGGCAGTGCCTGGCCTCAAGGGCACTTC
 CCGTCTGGACATGTTTGAACACATCAGCCTCATGACCTTGACAGCCTGCAGAAGTGCATCTTCAGTGT
 GACAGCAACTGCCAAGAGTCTGACAGCAAATACATTGCTGCAATCCTGGAATTAGCTCCCTGTAGTGA
 AACGGCACCGCCAGCCCTTCTGTACTTGGACCTCCTGTACTATCTACTGCTGATGGGCGTCGCTCCG
 CAAAGCCTGCGACCTGGTGCACAACTTCACAGATGCTGTCAAGGAGAGACGCAGCACCTCAATACG
 CAGGGTGTGAATTCCTAAAGGCCAAGGCTAAGACCAAACTTTAGATTTTATTGATGTTCTCTTGTATGG
 CTGAGGATGAACATGGTAAGGGACTATCGAATGAGGACATCCGAGCAGAGGCTGACACCTCATGTTTGG
 AGGCCATGACACCACCACAGTCCCTCTCTGGATTCTCTACAACCTGGCGAGGCCAGCAATACCCAG
 GAGCGCTGCCGGCAGGAGTTTCAAGGAGCTGCTGAGGGACCGAGACTCCGAGGAGATTGAATGGGACGACT
 TGGCCAGTACCCTTCTGACCATGTGCATCAAGGAGAGTCTGCGGCTGCATCCCCAGTCTTATTAAT
 CTCCCGATGCTGCACCCAGGACGTTCTGCTGCCAGATGGCCGGGCCATCCCCAAAGGGAACATCTGTGTC
 ATCAGCATTTTTCGGGTTCAACCAACCTTCAGTCTGGCCAGACCTGAGGTCTACAACCCCTTTAGAT
 TTGACCCAGAAAACCCACAGAAAAGGTACCTCTGGCTTTTATCCCTTCTCAGCGGGGACCAGGAACTG
 CATAGGACAGACTTTCCGCATGAGCGAGATAAAGGTAGCGCTGGCGCTGACCCTGCTGCGCTTCCGCATC
 CTGCCAGATGACAAGGAGCCGCGCCGGAAGCCAGAGCTGATCCTGCGCGCAGAGGGCGGGCTGTGGCTGC
 GGGTGGAGCCGCTGAGCGCCGGCGCACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208371 representing NM_130882
 Red=Cloning site Green=Tags(s)

MLQLCLSWLGMGSLTASPWHL LLLGGASWILARILAWIYAFYDNC SRLRCFPQPPKPSWFWGHLALMKNN
 EESMQFITHLGHDFHDVHLSWVGVPYPIRLVHPNFIAPLLQASAAVAPKEMTLYGFLKPWLGDLLMSA
 GDKWSHRRLLTPAFHFIDILKSYVKIFNKSVMIMHAKWQCLASKGTSRLDMFEHISLMTLDSLQKCIFSV
 DSNCQESDSKYIAAILELSSLVVKRHRQPFLYLDLLYYLTADGRRFRKACDLVHNFDAVIKERRSTLNT
 QGVEFLKAKAKTKLDFIDVLLMAEDEHGKLSNEDIRAEADTFMFGGHDTTTSALSWILYNLARHPEYQ
 ERCRQEVQELLDRDSEEIEWDDLAQLPFLTMCIKESLRLHPPVLLISRCCTQDVLLPDGRAIPKGNICV
 ISIFGVHNPVSWPDPEVYNPFRDPENPQKRSPLAFIPFSAGTRNCIGQTFAMSEIKVALALTLRFRFI
 LPDDKEPRRKPELILRAEGGLWLRVEPLSAGAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9015_h10.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_130882

ORF Size: 1569 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_130882.1](#), [NP_570952.1](#)

RefSeq Size: 1731 bp

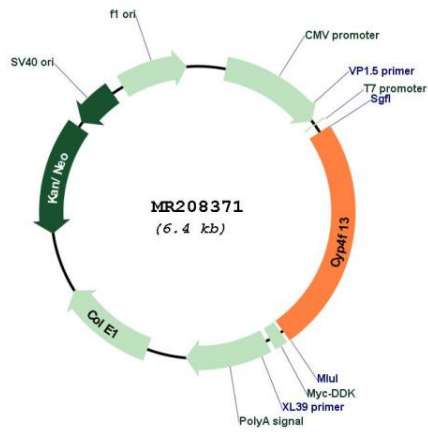
RefSeq ORF: 1572 bp

Locus ID: 170716

Cytogenetics: 17 B1

MW: 60.3 kDa

Product images:



Circular map for MR208371