

Product datasheet for MR201596

Tcf21 (NM_011545) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tcf21 (NM_011545) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tcf21
Synonyms: bHLHa23; capsulin; epc; epicardin; Pod-1; Pod1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201596 representing NM_011545
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCACTGGCTCCCTCAGCGATGTAGAAGACCTTCAAGAGGTGGAGATGCTGGACTGTGACTCCCTGA
 AAGTGGACTCCAACAAGGAGTTTGAACCTTCAACGAGAGCACCGAGGAGGGCTCCAACCTGCGAGAACGG
 GTCTCCACAGAAGGGTCGCGGTGGCTAGGCAAGAGGAGGAAGGCGCCACTAAGAAAAGCCCGCTCAGC
 GGGGTGAGCCAGGAGGGCAAGCAGGTCCAGCGCAACGCGCCAATGCTCGTGAGCGGGCCCGCATCGGG
 TGCTGAGCAAGGCCTTCTCCAGGCTCAAGACCACCTGCCCTGGGTGCCCGGACCAAGCTCTCAA
 GCTGGACTCTCAGGCTGGCGTCCAGCTACATCGCTCACTTAAGGCAGATCCTGGCCAACGACAAGTAC
 GAGAACGGTTACATTCACCCAGTCAACCTGACGTGGCCCTTTATGGTGGCCGGCAAACAGAGAATGACC
 TGAAGGAAGTGGTGACCGCAACCGCTTGTGTGGAACACAGCATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201596 representing NM_011545
 Red=Cloning site Green=Tags(s)

MSTGSLSDVEDLQEVEMLDKDSLKVDNKEFGTSNESTEEGSNCENGSPQKGRGGLGKRRKAPTKKSPLS
 GVSQEGKQVQRNAANARERARMRVLKAFSRLKTTLPWVPPDTKLSKLDLRLASSYIAHLRQILANDKY
 ENGYIHPVNLWPFMVAGKPENDLKEVVTANRLCGTTAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



RefSeq Size: 1240 bp

RefSeq ORF: 540 bp

Locus ID: 21412

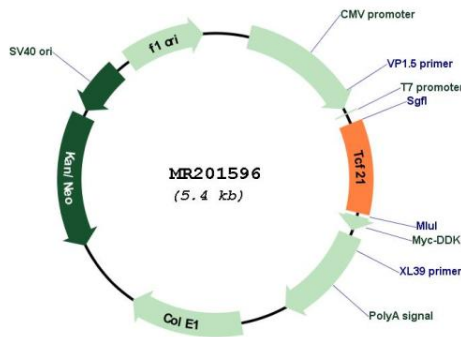
UniProt ID: [Q35437](#)

Cytogenetics: 10 10.33 cM

MW: 20.1 kDa

Gene Summary: Involved in epithelial-mesenchymal interactions in kidney and lung morphogenesis that include epithelial differentiation and branching morphogenesis. May be involved in the organogenesis of the spleen and heart and in cardiac and coronary artery development. May function in the development and sex differentiation of gonad via transcriptional regulation of AD4BP/SF-1.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201596