

Product datasheet for MR201615

Ccdc115 (NM_027159) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccdc115 (NM_027159) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ccdc115
Synonyms: 2310061I09Rik; Ccp1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201615 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGTCCAGGCTCTGCGAGAGGAGTTGGACTCCAAGTGCCTACAGCTGCTCAGTGACCTGGAGGAAC
 TGGAGGCGAAGCGGGCGGCTGAACGCCAGGGTGGAGGAGGTTGGCTCACTTGCCAAGGCTCGCTA
 TGCCATGGGAGCCAAGTCGGTAGGACCCCTGCAGTATGCCTCGCGTATGGAGCCTCAGGTCTGCGTGCCT
 GCCAGCGAGGCCAGGATGGACCCAGACCTTCAGGGTGATCAAAGCTGACGCCAGACCCCGAGGAAG
 TGGGGCTAGCGAAGCATCTCTGCGCAGGCGCAAGGGCCCAAGACCAAAGAGTTAGGATCTGCTGT
 AGTTCCTCAAGATCCCTTGAAGTGGTTTGGAAATTTGGTTCTCACAGTCTGCGGAGGCCCAAGCCAGC
 TTCGGGATGGCTACAGCTGGCTGCAGATATAGCCAGTCTCCAGACTCGCATCAACTGGGGTCAGAGTC
 AGCTTCGAGGCCTCCAGAAAAACTGAAGGAGTTGGACCTGGGCCTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201615 protein sequence
 Red=Cloning site Green=Tags(s)

MAVQALREELDSKCLQLLSDLEELEAKRAALNARVEEGWLSLAKARYAMGAKSVGPLQYASRMPEQVCVR
 ASEAQDGPQTFRVIKADAQTPEEVGPSEASLRRRKGPTKTKELGSAVVPQDPLNWFILVPHSLRQAQAS
 FRDGLQLAADIASLQTRINWQSQLRGLQKKLKELDPGPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

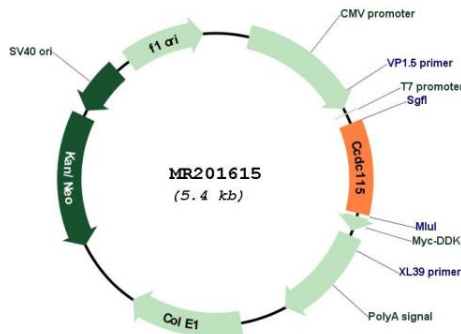
Restriction Sites: SgfI-MluI



MW: 19.7 kDa

Gene Summary: Accessory component of the proton-transporting vacuolar (V)-ATPase protein pump involved in intracellular iron homeostasis. In aerobic conditions, required for intracellular iron homeostasis, thus triggering the activity of Fe(2+) prolyl hydroxylase (PHD) enzymes, and leading to HIF1A hydroxylation and subsequent proteasomal degradation. Necessary for endolysosomal acidification and lysosomal degradation (By similarity). May be involved in Golgi homeostasis (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201615