

Product datasheet for **MR200176**

Cdc42se2 (NM_178626) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdc42se2 (NM_178626) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cdc42se2
Synonyms: 2810404F18Rik; AA408783; AA536669; SPEC2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200176 representing NM_178626
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTGAATTCTGGTTGTGTTCAACTGCTGTATTGCAGAGCAGCCTCAGCCTAAGAGGCGACGACGGA
TTGACCGAAGTATGATCGGAGAGCCAACCAACTTTGTGCACAGCTCACGTAGGATCCGGAGACCTATT
TAGTGGGATGAAGTCACTCAGTCCATTGAGAACAGATGCAGTCCAAGGGAGGCTATGGAGGTGGAATG
CCTGCCAACGTGCAGATGCAGCTCGTGGACACCAAGGCAGGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200176 representing NM_178626
Red=Cloning site Green=Tags(s)
MSEFWLCFNCCIAEQPQPKRRRRIDRSMIGEPTNFVHTAHVSGDLFSGMNSVSSIQNMQSKGGYGGGM
PANVQMLVDTKAG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9041_g12.zip

Restriction Sites: Sgfl-Mlul



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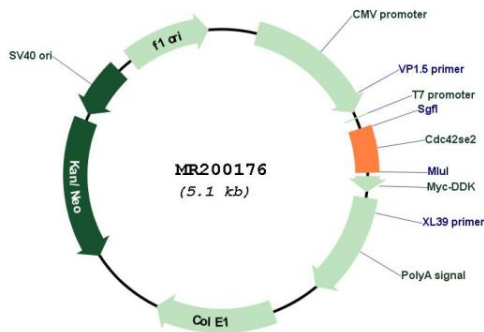
UniProt ID: [Q8BGH7](#)

Cytogenetics: 11 B1.3

MW: 9.7 kDa

Gene Summary: Probably involved in the organization of the actin cytoskeleton by acting downstream of CDC42, inducing actin filament assembly. Alters CDC42-induced cell shape changes. In activated T-cells, may play a role in CDC42-mediated F-actin accumulation at the immunological synapse. May play a role in early contractile events in phagocytosis in macrophages (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200176