

Product datasheet for **MC204960**

Cdc42se1 (NM_001038708) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdc42se1 (NM_001038708) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cdc42se1
Synonyms: 1300002M12Rik; AW558204; Cdcse1; SCIP1; Spec1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC060964
GGCGGGCGCGCAAGCCACGGAGAGGCAGGGAAGCGGCGACTGCAGCGTGGGGCCGGGTGGAAGGATTCC
ACATCTAAAGAAGACAGGACCTTGTGCCTGCCTGCCAAGCCTCTTGCCAGTGCCCCACCAAGTCAGAGAC
TCCGACCTTCACCGAAAGGCCACTTGTGGTGTCTAGGATTTCTACCTTTTCCCACCCATCCGGTTGAC
TGAACCCAGGGTGTGTTACACCTGCCTGTGAGGACTGGTTGGTTAGCAACAAACACGAGCCCCCTGGGG
CCTCTGGCAGCGCCTGAAGCTGGAACCATCAGGGAACATGAGCGAGTTTTGGCACAAACTGGGCTGCTG
CGTGGTCGAGAAGCCCCAGCCGAAGAAAAGAGAAGACGGATTGACCGCACTATGATTGGGGAGCCAATG
AACTTTGTCCACCTGACTCACATCGGCTCTGGGGAGATGGGGGCTGGAGATGGACTTGCCATGACAGGTG
CAGTTCAGGAGCAGATGAGATCCAAGGGAACCACCGTGACAGACCGTGGAGCAATTCTAGGGCCTTGTA
GCTCCCATGGGACTGGTTCTGCAGTCTTGAGTTCCTTCTGTGATTCTGTGTCCAGCCAAAAGAAAT
GCCACCACAGATCCCTTCAACCAGTGACCCAAGGGCCCCCTTTCTCTCTAACAAGTGCCTCAAAA
GGAGTGGGGGCTGGTCTCCCTTTCTCCCTCTGGCCTCTGCCCTCTGGAGATGGGGTCAAGGCAGCA
GGACTGACCAAGTACTACTGGTGGGCCAGAGGAGCTCCGCTGAAGCCCTGCACACCTTGATCTGAGCT
GGGGTCTCTGGGAACCTGGAATGGGTTCTTCTCTCTGAATGAAGGTCGGGTGCTACCTGTAACAAAAA
AAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Sfil-Sfil

ACCN: NM_001038708

Insert Size: 243 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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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:	<ol style="list-style-type: none">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:	BC060964 , AAH60964
RefSeq Size:	933 bp
RefSeq ORF:	243 bp
Locus ID:	57912
UniProt ID:	Q8BHL7
Cytogenetics:	3 F2.1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.</p>