

## Recombinant Mouse Cdc42se1 Protein, Myc/DDK-tagged

**Cat. No.** Cdc42se1-2078M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length CDC42 small effector 1 (Cdc42se1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	9.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Cdc42se1 CDC42 small effector 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Cdc42se1
<b>Synonyms</b>	Cdc42se1; CDC42 small effector 1; SC; Spe; SCIP1; Spec1; Cdcse1; AW558204; 1300002M12Rik; CDC42 small effector protein 1; small protein effector 1 of Cdc42
<b>Gene ID</b>	57912
<b>mRNA Refseq</b>	NM_172395
<b>Protein Refseq</b>	NP_765983
<b>UniProt ID</b>	Q8BHL7

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