Recombinant Mouse Cdc42se1 Protein, Myc/DDK-tagged

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

SPECIFICATION

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

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GENE INFORMATION

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

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