

Recombinant Mouse Cdc42ep4 Protein, Myc/DDK-tagged

Cat. No. Cdc42ep4-2077M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length CDC42 effector protein (Rho GTPase binding) 4 (Cdc42ep4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Probably involved in the organization of the actin cytoskeleton. May act downstream of CDC42 to induce actin filament assembly leading to cell shape changes. Induces pseudopodia formation, when overexpressed in fibroblasts.
Molecular Mass	37.9 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	Cdc42ep4 CDC42 effector protein (Rho GTPase binding) 4 [Mus musculus (house mouse)]
Official Symbol	Cdc42ep4
Synonyms	CDC42EP4; CDC42 effector protein (Rho GTPase binding) 4; cdc42 effector protein 4; binder of Rho GTPase 4; binder of Rho GTPases 4; CEP4; Borg4; 1500041M20Rik
Gene ID	56699
mRNA Refseq	NM_001163346
Protein Refseq	NP_001156818
UniProt ID	Q9JM96

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