

Recombinant Human CDC42EP4 Protein, MYC/DDK-tagged

Cat. No. CDC42EP4-3122H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDC42EP4 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The product of this gene is a member of the CDC42-binding protein family. Members of this family interact with Rho family GTPases and regulate the organization of the actin cytoskeleton. This protein has been shown to bind both CDC42 and TC10 GTPases in a GTP-dependent manner. When overexpressed in fibroblasts, this protein was able to induce pseudopodia formation, which suggested a role in inducing actin filament assembly and cell shape control.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	37.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CDC42EP4 CDC42 effector protein (Rho GTPase binding) 4 [Homo sapiens]
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Official Symbol	CDC42EP4
Synonyms	BORG4; CEP4; KAIA1777
Gene ID	23580
mRNA Refseq	NM_012121
Protein Refseq	NP_036253
MIM	605468
UniProt ID	Q9H3Q1

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