

Recombinant Human CDC42EP4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CDC42EP4-2299H Lot. No. (See product label)

SPECIFICATION

Product Overview	CDC42EP4 MS Standard C13 and N15-labeled recombinant protein (NP_036253) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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.
Molecular Mass	38 kDa
AA Sequence	<p>MPILKQLVSSSVHSKRRSRADLTAEMISAPLGDFRHTMHVGRAGDAFGDTSFLNSK AGEPDGESLDEQPSSSSSKRSLLSRKFRGSKRSQSVTRGEREQRDMLGSLRDSAL FVKNAMSLPQLNEKEAAEKGTSKLPKSLSSSPVKKANDGEGGDEEAGTEEAVPRRN GAAGPHSPDLLDEQAFGDLTDLPVVPKATYGLKHAESIMSFHIDLGPSMLGDVLSI MDKEEWDPEEGEGGYHGDEGAAGTITQAPPYAVAAPPLARQEGKAGPDLPSLPSH ALEDEGWAAAAPSPGSARSMGSHTTRDSSSLSSCTSGILEERSPAFRGPDRARA AVSRQPDKEFSFMDEEEDEIRVTRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

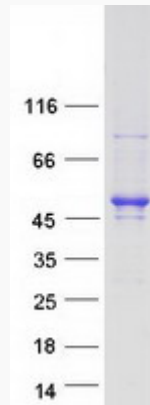
Gene Name	CDC42EP4 CDC42 effector protein 4 [Homo sapiens (human)]
Official Symbol	CDC42EP4
Synonyms	CDC42EP4; CDC42 effector protein (Rho GTPase binding) 4; cdc42 effector protein 4; binder of Rho GTPases 4; BORG4; Cdc42 effector protein 4; CEP4; KAIA1777; MGC3740; MGC17125;
Gene ID	23580
mRNA Refseq	NM_012121
Protein Refseq	NP_036253
MIM	605468
UniProt ID	Q9H3Q1

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SDS-PAGE



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