

Recombinant Full Length Human CDC42EP4 Protein, GST-tagged

Cat. No. CDC42EP4-3104HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDC42EP4 full-length ORF (NP_036253.2, 1 a.a. - 356 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	356 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	64.4 kDa
AA Sequence	MPILKQLVSSSVHSKRRSRADLTAEMISAPLGDFRHTMHVGRAGDAFGDTSFLNSK AGEPDGESLDEQPSSSSSKRSLLSRKFRGSKRSQSVTRGEREQRDMLGSLRDSAL FVKNAMSLPQLNEKEAAEKGTSKLPKSLSSSPVKKANDGEGGDEEAGTEEAVPRRN GAAGPHSPDLLDEQAFGDLTDLPVVPKATYGLKHAESIMSFHIDLGPSMLGDVLSI MDKEEWDPEEGEGGYHGDEGAAGTITQAPPYAVAAPPLARQEGKAGPDLPSLPSH ALEDEGWAAAAPSPGSARSMGSHTTRDSSSLSSCTSGILEERSPAFRGPDRARAAV

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SRQPDKEFSFMDEEEDEIRV

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[CDC42EP4 CDC42 effector protein \(Rho GTPase binding\) 4 \[Homo sapiens \]](#)

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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