

## Recombinant Human CDC42EP4 cell lysate

**Cat. No.** CDC42EP4-323HCL    **Lot. No.** (See product label)

### SPECIFICATION

|                       |  |
|-----------------------|--|
| <b>Species</b>        | Human  |
| <b>Description</b>    | 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. |
| <b>Size</b>           | 100 ul   |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)  |
| <b>Applications</b>   | Western Blot;  |

### GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | CDC42EP4 CDC42 effector protein (Rho GTPase binding) 4 [ Homo sapiens ]   |
| <b>Official Symbol</b> | CDC42EP4  |
| <b>Synonyms</b>        | 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; |

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|                            |                  |
|----------------------------|------------------|
| <b>Gene ID</b>             | 23580            |
| <b>mRNA Refseq</b>         | NM_012121        |
| <b>Protein Refseq</b>      | NP_036253        |
| <b>MIM</b>                 | 605468           |
| <b>UniProt ID</b>          | Q9H3Q1           |
| <b>Chromosome Location</b> | 17q24-q25        |
| <b>Function</b>            | GTP-Rho binding; |

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