

## Recombinant Human CDC42EP1 protein, His-tagged

Cat. No. CDC42EP1-3158H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human CDC42EP1 protein, fused to His tag, was expressed in E. coli.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>AA Sequence</b>      | RLPRSEKPHDRDRDGSFPSEPLRRSDSLLSFRLDLDLGPSLLSELLGVMSLPEAPA<br>AETPAPAANPPAPTANPTGPAANPPATTANPPAPAANPSAPAATPTGPAANPPAPA<br>ASSTPHGHCPNGVTAGLGPVAEVKSSPVGGGPRGPAGPALGRHWGAGWDGGHH<br>YPEMDARQERVEVLPQARASWESLDEEWRAPQAGSRTPVPSTVQANTFEFADAEE<br>DDEVKV                                  |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.  |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.  |
| <b>Reconstitution</b>   | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.<br>Reconstitution with 200 μl 50% glycerol solution is recommended for longer term  |

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storage.

## GENE INFORMATION

**Gene Name** CDC42EP1 CDC42 effector protein (Rho GTPase binding) 1 [ Homo sapiens ]

**Official Symbol** CDC42EP1

**Synonyms** CDC42EP1; CDC42 effector protein (Rho GTPase binding) 1; cdc42 effector protein 1; 55 kDa bone marrow stromal/endothelial cell protein; Borg5; CEP1; MSE55; serum constituent protein; serum protein MSE55; binder of Rho GTPases 5; BORG5; MGC15316;

**Gene ID** 11135

**mRNA Refseq** NM\_152243

**Protein Refseq** NP\_689449

**MIM** 606084

**UniProt ID** Q00587

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