

## Recombinant Human CDC42EP1, His-tagged

Cat. No. CDC42EP1-26804TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 283-391 of Human CDC42EP1 with N terminal His tag; 109 amino acids, 51kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	283-391 a.a.
<b>Description</b>	CDC42 is a member of the Rho GTPase family that regulates multiple cellular activities, including actin polymerization. The protein encoded by this gene is a CDC42 binding protein that mediates actin cytoskeleton reorganization at the plasma membrane. This protein is secreted and is primarily found in bone marrow.
<b>Conjugation</b>	HIS
<b>Tissue specificity</b>	Endothelial and bone marrow stromal cells.
<b>Form</b>	Lyophilised:Reconstitute with 112 µl aqua dest.
<b>Storage buffer</b>	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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**Sequences of amino acids** HGHCPNGVTAGLGPVAEVKSSPVGGGPRGPAGPALGRHWG AGWDGGHHYPEM  
DARQERVEVLPQARASWESLDEEWRA PQAGSRTPVPSTVQANTFEFADAEEDDE  
VKV

**Sequence Similarities** Belongs to the BORG/CEP family. Contains 1 CRIB domain.

## 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;

**Gene ID** [11135](#)

**mRNA Refseq** [NM\\_152243](#)

**Protein Refseq** [NP\\_689449](#)

**MIM** [606084](#)

**Uniprot ID** [Q00587](#)

**Chromosome Location** 22q13.1

**Function** protein binding;

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