

Recombinant Human CDC42EP1, His-tagged

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

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 283-391 of Human CDC42EP1 with N terminal His tag; 109 amino acids, 51kDa.
Species	Human
Source	E.coli
ProteinLength	283-391 a.a.
Description	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.
Conjugation	HIS
Tissue specificity	Endothelial and bone marrow stromal cells.
Form	Lyophilised:Reconstitute with 112 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	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;