

# Recombinant Full Length Human CDC42EP1 Protein, GST-tagged

**Cat. No.** CDC42EP1-3102HF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Human CDC42EP1 full-length ORF (AAH09356, 1 a.a. - 384 a.a.) recombinant protein with GST-tag at N-terminal.

### Species

Human

### Source

In Vitro Cell Free System

### ProteinLength

384 amino acids

### 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. [provided by RefSeq, Jul 2008]

### Molecular Mass

67.98 kDa

### AA Sequence

MPGPQGGRGAATMSLGKLSVGVWSSSQGKRRLTADMISHPLGDFRHTMHVGRG  
 GDVFGDTSFLSNHGGSSGSTRSPRSFLAKKLQLVRRVGAPPRRMASPPAPSPAP  
 PAISPIIKNAISLPQLNQAAYDSL VVGKLSFDSSPTSSTDGHSSYGLDSGFCTISRLPR  
 SEKPHDRDRDGSFPSEPGLRRSDSLLSFRLDLGLPSLLSELLGVMSLPEAPAAETP  
 APAANPPAPTANPTGPAANPPATTANPPAPAATPTGPAANPPAPAASSTPHGHCPN  
 GVTAGLGPVAEVKSSPVGGGPRGPAGPALGRHWGAGWDGGHHYPEMDARQERV  
 EVLPQARASWESLDEEWRAPQAGSRTPVPSTVQANTFEFADAEEDDEVKV

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CDC42EP1 CDC42 effector protein (Rho GTPase binding) 1 [ Homo sapiens ]
<b>Official Symbol</b>	CDC42EP1
<b>Synonyms</b>	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;
<b>Gene ID</b>	11135
<b>mRNA Refseq</b>	NM_152243
<b>Protein Refseq</b>	NP_689449
<b>MIM</b>	606084
<b>UniProt ID</b>	Q00587

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