

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 GDVFGDTSFLSNHGGSSGSTHRSPRSFLAKKLQLVRRVGAPPRRMASPPAPSPAP PAISPIIKNAISLPQLNQAAAYDSL VVGKLSFDSSPTSSTDGHSSYGLDSGFCTISR LPR SEKPHDRDRDGSFPSEPLRRSDSLLSFRDLDLGPSLLSELLGVMSLPEAPAAETP APAANPPAPTANPTGPAANPPATTANPPAPAATPTGPAANPPAPAASSTPHGHCPN GVTAGLG PVAEVKSSPVGGGPRGPAGPALGRHWGAGWDGGHHYPEMDARQERV EVL PQARASWESLDEEW RAPQAGSRTPVPSTVQANTFEFADAEEDDEVKV

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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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