

# Recombinant Full Length Human CDC42EP2 Protein, GST-tagged

**Cat. No.** CDC42EP2-3103HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CDC42EP2 full-length ORF (NP_006770.1, 1 a.a. - 210 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	210 amino acids
<b>Description</b>	CDC42, a small Rho GTPase, regulates the formation of F-actin-containing structures through its interaction with the downstream effector proteins. The protein encoded by this gene is a member of the Borg family of CDC42 effector proteins. Borg family proteins contain a CRIB (Cdc42/Rac interactive-binding) domain. They bind to, and negatively regulate the function of CDC42. Coexpression of this protein with CDC42 suggested a role of this protein in actin filament assembly and cell shape control. [provided by RefSeq, Aug 2011]
<b>Molecular Mass</b>	48.9 kDa
<b>AA Sequence</b>	MSTKVPIYLKRGSRKGGKKEKLRDLLSSDMISPPPLGDFRHTIHIGSGGGSDMFGDISFL QGKFHLLPGTMVEGPEEDGTFDLPFQFTRTATVCGRELPDGPSPLLKNAISLPVIGG PQALTLPTAQAPPKPPRLHLETPQPSPQEGGSVDIWRIPETGSPNSGLTPESGAEEP FLSNASSLLSLHVDLGPSILDDVLQIMDQDLDSMQIPT

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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>	CDC42EP2 CDC42 effector protein (Rho GTPase binding) 2 [ Homo sapiens ]
<b>Official Symbol</b>	CDC42EP2
<b>Synonyms</b>	CDC42EP2; CDC42 effector protein (Rho GTPase binding) 2; cdc42 effector protein 2; BORG1; CEP2; CRIB containing BOGR1 protein; binder of Rho GTPases 1; CRIB-containing BOGR1 protein;
<b>Gene ID</b>	10435
<b>mRNA Refseq</b>	NM_006779
<b>Protein Refseq</b>	NP_006770
<b>MIM</b>	606132
<b>UniProt ID</b>	O14613

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