

Recombinant Human CDC42EP2 Protein, GST-Tagged

Cat. No. CDC42EP2-0945H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDC42EP2 full-length ORF (NP_006770.1, 1 a.a. - 210 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	48.9 kDa
AA Sequence	MSTKVPIYLKRGSRKGKKEKLRDLLSSDMISPPLGDFRHTIHIGSGGGSDMFGDISFL QGKFHLLPGTMVEGPEEDGTFDLPFQFTRTATVCGRELPDGPSPLLKNAISLPVIGG PQALTLP AQAPPKPPRLHLETPQPSPQEGGSVDIWRIPETGSPNSGLTPESGAEEP FLSNASSLLSLHVDLGPSILDDVLQIMDQDLDSMQIPT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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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

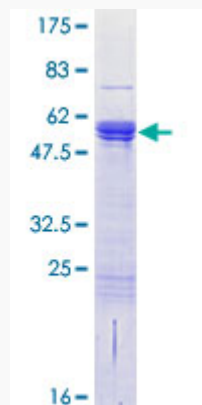
Gene Name	CDC42EP2 CDC42 effector protein (Rho GTPase binding) 2 [Homo sapiens]
Official Symbol	CDC42EP2
Synonyms	CDC42EP2; CDC42 effector protein (Rho GTPase binding) 2; cdc42 effector protein 2; BORG1; CEP2; CRIB containing BOGR1 protein; binder of Rho GTPases 1; CRIB-containing BOGR1 protein;
Gene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

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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