

Product datasheet for TP304974L

CDC42EP2 (NM_006779) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CDC42 effector protein (Rho GTPase binding) 2 (CDC42EP2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204974 protein sequence Red=Cloning site Green=Tags(s)

MSTKVPIYLKRGSRKGGKKEKLRDLLSSDMISPLGDFRHTIHIGSGGGSDMFGDISFLQGKFHLLPGTMV
EGPEEDGTFDLPFQFTRTATVCGRELPDGPSPLLKNAISLPVIGGPQALTLPQAQAPPKPPRLHLETPQP
SPQEGGSVDIWRIPETGSPNSGLTPESGAEEPFLSNASSLLSLHVDLGP SILDDVLQIMDQDLDSMQIPT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	22.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006770
Locus ID:	10435
UniProt ID:	O14613



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RefSeq Size: 2043

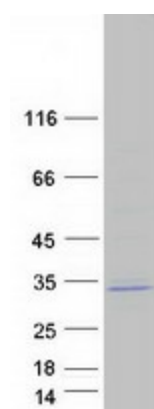
Cytogenetics: 11q13.1

RefSeq ORF: 630

Synonyms: BORG1; CEP2

Summary: 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]

Product images:



Coomassie blue staining of purified CDC42EP2 protein (Cat# [TP304974]). The protein was produced from HEK293T cells transfected with CDC42EP2 cDNA clone (Cat# [RC204974]) using MegaTran 2.0 (Cat# [TT210002]).