

Product datasheet for **TP301069**

CDC42EP3 (NM_006449) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CDC42 effector protein (Rho GTPase binding) 3 (CDC42EP3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201069 protein sequence Red =Cloning site Green =Tags(s)

MPAKTPIYLKAANNKKGKKFKLRDILSPDMISPLGDFRHTIHIGKEGQHDVFGDISFLQGN YELLPGNQ
EKAHLGQFPGHNEFFRANSTSDSVFTETPSPVLKNAISLPTIGGSQALMLPLLSPVTFNSKQESFGPAKL
PRLSCEPVMEEKAQEKS LLENGTVHQGDTSWGSSGSASQSSQGRDSHSSSLSEQYPDWPAEDMFDHPTP
CELIKGKTKSEESLSDLTGSLLSLQLDLGPSLLDEVLNVM DKNK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	27.5 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:	<u>NP_006440</u>
Locus ID:	10602



[View online »](#)

UniProt ID: [Q9UKI2](#)

RefSeq Size: 5715

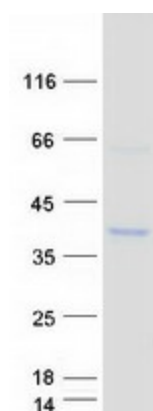
Cytogenetics: 2p22.2

RefSeq ORF: 762

Synonyms: BORG2; CEP3; UB1

Summary: This gene encodes a member of a small family of guanosine triphosphate (GTP) metabolizing proteins that contain a CRIB (Cdc42, Rac interactive binding) domain. Members of this family of proteins act as effectors of CDC42 function. The encoded protein is involved in actin cytoskeleton re-organization during cell shape changes, including pseudopodia formation. A pseudogene of this gene is found on chromosome 19. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]

Product images:



Coomassie blue staining of purified CDC42EP3 protein (Cat# TP301069). The protein was produced from HEK293T cells transfected with CDC42EP3 cDNA clone (Cat# [RC201069]) using MegaTran 2.0 (Cat# [TT210002]).