

Recombinant Human CDC42EP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CDC42EP3-4687H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CDC42EP3 MS Standard C13 and N15-labeled recombinant protein (NP_006440) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	27.7 kDa
AA Sequence	MPAKTPIYLKAANNKKGKKFKLRDILSPDMISPLGDFRHTIHIGKEGQHDVFGDISFL QGNYELLPGNQEKALHGLQFPGHNEFFRANSTSDSVFTETPSPVLKNAISLPTIGGSQ ALMLPLLSPVTFNSKQESFGPAKLPRLSCEPVMEEKAQEKSSLLENGTVHQGDTSW GSSGSASQSSQGRDSHSSSLSEQYPDWPAEDMFDHPTPCELIKGKTKSEESLSDLT GSLLSLQLDLGPSLLDEVLNVMKDKNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

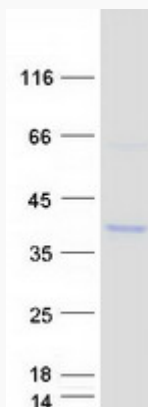
GENE INFORMATION

Gene Name	CDC42EP3 CDC42 effector protein 3 [Homo sapiens (human)]
Official Symbol	CDC42EP3
Synonyms	CDC42EP3; CDC42 effector protein 3; UB1; CEP3; BORG2; cdc42 effector protein 3; CDC42 effector protein (Rho GTPase binding) 3; CRIB-containing BORG2 protein; MSE55-related Cdc42-binding protein; MSE55-related protein; binder of Rho GTPases 2
Gene ID	10602
mRNA Refseq	NM_006449
Protein Refseq	NP_006440
MIM	606133
UniProt ID	Q9UKI2

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SDS-PAGE

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