

Product datasheet for TP301162M

CDC42EP4 (NM_012121) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human CDC42 effector protein (Rho GTPase binding) 4 (CDC42EP4), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC201162 protein sequence
Red=Cloning site **Green**=Tags(s)

MPILKQLVSSSVHSKRRSRADLTAEMISAPLGDFRHTMHVGRAGDAFGDTSFLNSKAGEPDGESLDEQPS
SSSSKRSLLSRKFRGSKRSQSVTRGEREQRDMLGSLRDSALFVKNAMSLPQLNEKEAAEKGTSKLPKLSL
SSPVKKANDGEGGDEEAGTEEA VPRRNGAAGPHSPDLLDEQAFGDLTDLPVVPKATYGLKHAESIMSFH
IDLGPMSMLGDVLSIMDKKEEWDPEEGEGGYHGDEGAAGTITQAPPYAVAAPPLARQEGKAGPDLPSLPSHA
LEDEGWAAAAPSPGSARSMGSHTRDSSLSCTSGILEERSPAFRGPDARRAAVSRQPDKEFSFMDEEE
EDEIRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 37.8 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_036253](#)

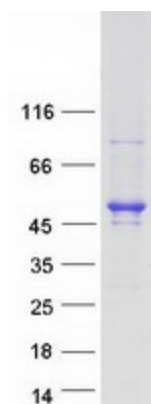


[View online »](#)

Locus ID: 23580
UniProt ID: [Q9H3Q1](#), [B2R6D8](#)
RefSeq Size: 3121
Cytogenetics: 17q25.1
RefSeq ORF: 1068
Synonyms: BORG4; CEP4; KAIA1777

Summary: The product of this gene is a member of the CDC42-binding protein family. Members of this family interact with Rho family GTPases and regulate the organization of the actin cytoskeleton. This protein has been shown to bind both CDC42 and TC10 GTPases in a GTP-dependent manner. When overexpressed in fibroblasts, this protein was able to induce pseudopodia formation, which suggested a role in inducing actin filament assembly and cell shape control. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified CDC42EP4 protein (Cat# [TP301162]). The protein was produced from HEK293T cells transfected with CDC42EP4 cDNA clone (Cat# [RC201162]) using MegaTran 2.0 (Cat# [TT210002]).