

Product datasheet for **TP505272**

Cdc42ep4 (NM_001163346) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse CDC42 effector protein (Rho GTPase binding) 4 (Cdc42ep4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR205272 protein sequence
Red=Cloning site **Green**=Tags(s)

MPILKQLVSSSVNSKRRSRADLTAEMISAPLGDFRHTMHVGRAGDAFGDTSFLTskAREADDESldEQAS
ASKLSLLSRKFRGSKRSQSVTRGDREQRDMLGSLRDSALFVKNAMSLPQLNEKEAAEKDSSKLPKSLSSS
PVKKADARDGGPKSPHRNGATGPHSPDLLDEQAFGDLMDLPIMPKVSYGLKHAESILSFHIDLGPSMLG
DVLsimDKDQWGSEEEEEAGGYRDKEGPSSIVQAPPVLEVVPPLGRQESKASWDQASMLPPHAVEDDGWA
VWAPSPSSARSVGSHTTRDSSSLSSYTSGLVLEERSPAFRGPDRVAAAPPRQPDKEFCFMDEEEDEIRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 37.9 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

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 after receiving vials.

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_001156818](#)

Locus ID: 56699

UniProt ID: [Q9JIM96](#)



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RefSeq Size: 2960

Cytogenetics: 11 E2

RefSeq ORF: 1050

Synonyms: 1500041M20Rik; Borg4; CEP4

Summary: Probably involved in the organization of the actin cytoskeleton. May act downstream of CDC42 to induce actin filament assembly leading to cell shape changes. Induces pseudopodia formation, when overexpressed in fibroblasts.[UniProtKB/Swiss-Prot Function]