

Recombinant Mouse Cpped1 Protein, Myc/DDK-tagged

Cat. No. Cpped1-1918M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RIKEN cDNA C530044N13 gene (cDNA clone MGC:27760 IMAGE:2654874), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Protein phosphatase that dephosphorylates AKT family kinase specifically at 'Ser-473', blocking cell cycle progression and promoting cell apoptosis. May play an inhibitory role in glucose uptake by adipocytes.
Molecular Mass	19.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Cpped1 calcineurin-like phosphoesterase domain containing 1 [Mus musculus (house mouse)]
Official Symbol	Cpped1
Synonyms	Cpped1; calcineurin-like phosphoesterase domain containing 1; C530044N13Rik; serine/threonine-protein phosphatase CPPED1; Vcalcineurin-like phosphoesterase domain containing 1; calcineurin-like phosphoesterase domain-containing protein 1; EC 3.1.3.16
Gene ID	223978
mRNA Refseq	NM_146067
Protein Refseq	NP_666179
UniProt ID	Q8BFS6

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