Recombinant Mouse Ccdc28b Protein, Myc/DDK-tagged

Cat. No. Ccdc28b-2003M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length coiled coil domain containing 28B (Ccdc28b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in ciliogenesis. Regulates cilia length through its interaction with MAPKAP1/SIN1 but independently of mTORC2 complex. Modulates mTORC2 complex assembly and function, possibly enhances AKT1 phosphorylation. Does not seem to modulate assembly and function of mTORC1 complex.
Molecular Mass	22.1 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	Ccdc28b coiled coil domain containing 28B [Mus musculus (house mouse)]
Official Symbol	Ccdc28b
Synonyms	CCDC28B; coiled coil domain containing 28B; coiled-coil domain-containing protein 28B; 1110002E08Rik; 1810010N17Rik
Gene ID	66264
mRNA Refseq	NM_025455
Protein Refseq	NP_079731
UniProt ID	Q8CEG5

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