

## Recombinant Mouse Ccdc93 Protein, Myc/DDK-tagged

Cat. No. Ccdc93-2024M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length coiled-coil domain containing 93 (Ccdc93), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Component of the CCC complex, which is involved in the regulation of endosomal recycling of surface proteins, including integrins, signaling receptor and channels. The CCC complex associates with SNX17, retriever and WASH complexes to prevent lysosomal degradation and promote cell surface recycling of numerous cargos such as integrins ITGA5:ITGB1. Involved in copper-dependent ATP7A trafficking between the trans-Golgi network and vesicles in the cell periphery; the function is proposed to depend on its association within the CCC complex and cooperation with the WASH complex on early endosomes and is dependent on its interaction with WASHC2C.
<b>Molecular Mass</b>	72.6 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.

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**Concentration** >50 µg/mL as determined by microplate BCA method

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Ccdc93 coiled-coil domain containing 93 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Ccdc93](#)

**Synonyms** CCDC93; coiled-coil domain containing 93; coiled-coil domain-containing protein 93; 4633402D15Rik; 9230102M16Rik

**Gene ID** [70829](#)

**mRNA Refseq** [NM\\_001025156](#)

**Protein Refseq** [NP\\_001020327](#)

**UniProt ID** [Q7TQK5](#)

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