

Recombinant Mouse Ccdc115 Protein, Myc/DDK-tagged

Cat. No. Ccdc115-1986M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length coiled-coil domain containing 115 (Ccdc115), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Accessory component of the proton-transporting vacuolar (V)-ATPase protein pump involved in intracellular iron homeostasis. In aerobic conditions, required for intracellular iron homeostasis, thus triggering the activity of Fe ²⁺ prolyl hydroxylase (PHD) enzymes, and leading to HIF1A hydroxylation and subsequent proteasomal degradation. Necessary for endolysosomal acidification and lysosomal degradation. May be involved in Golgi homeostasis.
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

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

GENE INFORMATION

Gene Name	Ccdc115 coiled-coil domain containing 115 [Mus musculus (house mouse)]
Official Symbol	Ccdc115
Synonyms	CCDC115; coiled-coil domain containing 115; coiled-coil domain-containing protein 115; coiled-coil protein 1; Ccp1; 2310061I09Rik
Gene ID	69668
mRNA Refseq	NM_027159
Protein Refseq	NP_081435
UniProt ID	Q8VE99

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