

Recombinant Mouse Commd5 Protein, Myc/DDK-tagged

Cat. No. Commd5-2250M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length COMM domain containing 5 (Commd5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May modulate activity of cullin-RING E3 ubiquitin ligase (CRL) complexes. Negatively regulates cell proliferation. Negatively regulates cell cycle G2/M phase transition probably by transactivating p21/CDKN1A through the p53/TP53-independent signaling pathway. Involved in kidney proximal tubule morphogenesis. Down-regulates activation of NF-kappa-B.
Molecular Mass	24.5 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	Commd5 COMM domain containing 5 [Mus musculus (house mouse)]
Official Symbol	Commd5
Synonyms	Commd5; COMM domain containing 5; Hca; Hcarg; AI854466; D15Erd81; D15Erd81e; 2310065H03Rik; COMM domain-containing protein 5; hypertension-related, calcium regulated
Gene ID	66398
mRNA Refseq	NM_025536
Protein Refseq	NP_079812
UniProt ID	Q8R395

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