

Recombinant Mouse C1d Protein, Myc/DDK-tagged

Cat. No. C1d-1906M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length C1D nuclear receptor co-repressor (C1d), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in the recruitment of the RNA exosome complex to pre-rRNA to mediate the 3'-5' end processing of the 5.8S rRNA; this function may include MPHOSPH6. Can activate PRKDC not only in the presence of linear DNA but also in the presence of supercoiled DNA. Can induce apoptosis in a p53/TP53 dependent manner. May regulate the TRAX/TSN complex formation. Potentiates transcriptional repression by NR1D1 and THRB.
Molecular Mass	15.9 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 C1d C1D nuclear receptor co-repressor [*Mus musculus* (house mouse)]

Official Symbol C1d

Synonyms C1D; C1D nuclear receptor co-repressor; nuclear nucleic acid-binding protein C1D; mC1D; sunCoR; nuclear DNA binding protein; nuclear DNA-binding protein; small unique nuclear co-repressor; small unique nuclear receptor corepressor; SUN-CoR; AI875855; 1110036E10Rik

Gene ID 57316

mRNA Refseq NM_020558

Protein Refseq NP_065583

UniProt ID O35473

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