

Recombinant Mouse Cnot6l Protein, Myc/DDK-tagged

Cat. No. Cnot6l-2222M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length CCR4-NOT transcription complex, subunit 6-like (Cnot6l), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Poly(A) nuclease with 3'-5' RNase activity. Catalytic component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. Additional complex functions may be a consequence of its influence on mRNA expression. Involved in mRNA decay mediated by the major-protein-coding determinant of instability (mCRD) of the FOS gene in the cytoplasm. Involved in deadenylation-dependent degradation of CDKN1B mRNA. Its mRNA deadenylase activity can be inhibited by TOB1. Mediates cell proliferation and cell survival and prevents cellular senescence.
Molecular Mass	62.5 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.

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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.

GENE INFORMATION

Gene Name	Cnot6l CCR4-NOT transcription complex, subunit 6-like [Mus musculus (house mouse)]
Official Symbol	Cnot6l
Synonyms	CNOT6L; CCR4-NOT transcription complex, subunit 6-like; CCR4-NOT transcription complex subunit 6-like; 4932442K20Rik; MGC29037; DKFZp434K098
Gene ID	231464
mRNA Refseq	NM_144910
Protein Refseq	NP_659159
UniProt ID	Q8VEG6

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