

Product datasheet for TP319766L

CNO6L (CNOT6L) (NM_144571) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CCR4-NOT transcription complex, subunit 6-like (CNOT6L), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219766 representing NM_144571 Red=Cloning site Green=Tags(s)

MRLIGMPKEKYDPPDPRRIYTIMSAAEEVANGKKSHWAELEISGRVRSLSLWLSLTHLTALHLNDNYLSR
IPDDIAKLHNLVYLDLSSNKLRSPLAELGNMVSLRELLNNNLLRVLPYELGRLFQLQTLGLKGNPLSQD
ILNLYQDPDGTRKLLNFMLDNLAVHPEQLPPRPWITLKERDQILPSASFTVMCYNVLC DKYATRQLYGYC
PSWALNWEYRKKGIMEEIVNCDADIISLQEVETEQYFTLFLPALKERGYDGGFFSPKSRKIMSEQERKHV
DGCAIFFKTEKFTLVQKHTVEFNQVAMANS DGSEAMLNRVMTKDNIGVAVVLEVHKELFGAGMKPIHAAD
KQLLIVANAHMHWDP EYSDVKLIQTMMFVSEVKNILEKASSRPGSPTADPNSIPLVLCADLNSLPDSGVV
EYLSNGGVADNHKDFKELRYNECLMNFSCNGKNGSSEGRITHGFQLKSAYENNLMPYTNYTFDFKGVIDY
IFYSKTHMNVLVGLGPLDPQWLVENNITGCPHPHPSDFSLTQLELHPPLLPLVNGVHLPNRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

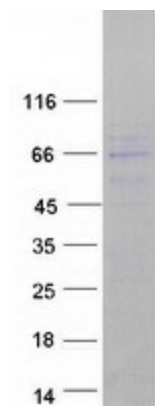
Tag:	C-Myc/DDK
Predicted MW:	62.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_653172
Locus ID:	246175
UniProt ID:	Q96LI5
RefSeq Size:	8794
Cytogenetics:	4q21.1
RefSeq ORF:	1665
Synonyms:	CCR4b
Summary:	Has 3'-5' poly(A) exoribonuclease activity for synthetic poly(A) RNA substrate. 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. May be involved in the deadenylation-dependent degradation of mRNAs through the 3' UTR AU-rich element-mediated mechanism. 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. [UniProtKB/Swiss-Prot Function]
Protein Pathways:	RNA degradation

Product images:



Coomassie blue staining of purified CNOT6L protein (Cat# [TP319766]). The protein was produced from HEK293T cells transfected with CNOT6L cDNA clone (Cat# [RC219766]) using MegaTran 2.0 (Cat# [TT210002]).