

Product datasheet for **RG238878**

CNO6L (CNOT6L) (NM_001286790) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNO6L (CNOT6L) (NM_001286790) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CNOT6L
Synonyms:	CCR4b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG238878 representing NM_001286790.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAGACTAATAGGGATGCCAAAGGAAAAATATGATCCTCCAGATCCTCGCAGAATTTATACCATCATG
TCAGCAGAGGAGGTAGCCAATGGGAAAAATCTCACTGGGCGAGAATTAGAAATCTCGGGTAGAGTGGCG
AGCCTAAGTACATCACTTTGGTCATTGACACACTTGACAGCGCTGCACCTAAATGACAATTACCTTAGT
CGCATTCCACCTGATATTGCCAAGCTTCATAATCTGGTTTACCTGGATCTGTCATCCAATAAACTCAGA
AGTTTACCAGCAGAACTAGGAAACATGGTGTCTCTCAGGGAATTGCTTTTAAATAACAATCTGTTACGG
GTTTTGCCTTAGAACTTGGTCGGCTCTCCAGCTACAACTCTAGGTTTAAAGGCAATCCTTTATCA
CAGGATATTCTCAACTTATACCAGGACCCAGATGGAACCCGAAAGCTACTGAACTTCATGCTTGACAAT
CTCGCAGTTCATCCAGAGCAGCTTCTCCGAGGCCATGGATTACATTAAGAAGACGAGACCAAACTCTG
CCGTCAGCATCATTACGGTTATGTGTTACAATGTGTTATGTGATAAATACGCTACCCGGCAGCTATAT
GGCTATTGCCATCCTGGCATTAACTGGGAATACAGGAAAAAGGAATTATGGAAGAAATGTTAAC
TGTGACGCAGATATCATTAGTCTTCAGGAAGTGGAAACAGAGCAATACTCACTCTCTTCTGCCAGCA
TTGAAGGAGCGTGGATATGATGGATTTTTTCTCAAAGTCACGTGCCAAATCATGTCTGAGCAGGAG
AGAAAGCATGTAGATGGTGTGCAATATCTTCAAACAGAAAAATTTACATTGGTGCGAAGCATAACA
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AAAGATAACATTTGGTGTCTGTGGTATTAGAGGTCCACAAGAATAATTTGGAGCAGGTATGAAGCCT
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CCAGATTCAGGTGTTGTGGAATACTTAAGCAATGGAGGAGTAGCTGACAACCATAAAGACTTCAAGGAA
CTAAGGTACAATGAGTGTCTTATGAACCTCAGCTGCAATGGAAAGAATGGAAAGCTCAGAAGGAGAAATC
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TTCAAAGCGTGATTGACTACATTTTCTATTCCAAGACTCATGAACTGCTTGGTGTCTGGGCGCT
TTAGATCCTCAATGGCTGGTTGAGAACAACATCACTGGGTGTCCACACCCTCACATCCCTCAGACCAC
TTCTCACTGTTAACACAACCTGAACTCCACCCTCACTCTGCCTCTTGTCAATGGTGTCACTTGCCT
AATCGGAGG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
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Protein Sequence:

>Peptide sequence encoded by RG238878
 Blue=ORF Red=Cloning site Green=Tag(s)

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MRLIGMPKEKYDPPDPRIYTIMSAEEVANGKKSHPWAELEISGRVRSLSLWLSLTHLTALHLNDNYLS
RIPPPDIAKLHNLVYLDLSSNKLRLPAELGNMVSRLRELLNNLLRVLPYELGRLFQLQTLGLKGNPLS
QDILNLVQDPDGRKLLNFMLDNLAVHPEQLPPRPWITLKERDQILPSASFVVMCYNVLCDKYATRQLY
GYCPSWALNWEYRKKGIMEEIVNCDADIISLQEVETEYQFTLFLPALKERGYDGGFFSPKSRKIMSEQE
RKHVDGCAIFFKTEKFTLVQKHTVEFNQVAMANS DGSEAMLNRVMTKDNIGVAVVLEVHKELFGAGMKP
IHAADKQLLIVANAHMHWDP EYSDVKLIQTMMFVSEVKNILEKASSRPGSPTADPNISPLVLCADLNSL
PDSGVVEYLSNGGVADNHKDFKELRYNECLMNFSCNGKNGSSEGRITHGFQLKSAYENNLMPYTNFTD
FKGVIDYIFYSKTHMNVLGVLGPLDPQWLVENITGCPHPHIPSDFSLLTQLELHPPLLPLVNGVHLP
NRR
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
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Restriction Sites:

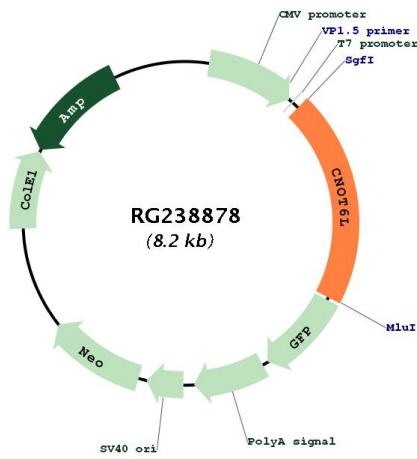
SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_001286790
 ORF Size: 1665 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
RefSeq:	NM_001286790.2
RefSeq Size:	8865 bp
RefSeq ORF:	1668 bp
Locus ID:	246175
UniProt ID:	Q96L15
Cytogenetics:	4q21.1
Protein Pathways:	RNA degradation
MW:	63 kDa
Gene 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]