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Product datasheet for RC203795L3V

CCR4 NOT transcription complex subunit 3 (CNOT3) (NM_014516) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CCR4 NOT transcription complex subunit 3 (CNOT3) (NM_014516) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CCR4 NOT transcription complex subunit 3
Synonyms:	IDDSADF; LENG2; NOT3; NOT3H
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014516
ORF Size:	2259 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203795).
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.
RefSeq:	NM_014516.2
RefSeq Size:	2908 bp
RefSeq ORF:	2262 bp
Locus ID:	4849
UniProt ID:	O75175
Cytogenetics:	19q13.42
Protein Families:	Transcription Factors

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Protein Pathways:	RNA degradation
MW:	81.9 kDa
Gene Summary:	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 metabolic regulation; may be involved in recruitment of the CCR4-NOT complex to deadenylation target mRNAs involved in energy metabolism. Involved in mitotic progression and regulation of the spindle assembly checkpoint by regulating the stability of MAD1L1 mRNA. Can repress transcription and may link the CCR4-NOT complex to transcriptional regulation; the repressive function may involve histone deacetylases. Involved in the maintenance of embryonic stem (ES) cell identity. [UniProtKB/Swiss-Prot Function]