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Product datasheet for RC228960L4V

CIKS (TRAF3IP2) (NM_001164281) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CIKS (TRAF3IP2) (NM_001164281) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CIKS
Synonyms:	ACT1; C6orf2; C6orf4; C6orf5; C6orf6; CANDF8; CIKS; PSORS13
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001164281
ORF Size:	1692 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC228960).`
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_001164281.2, NP_001157753.1
RefSeq Size:	6241 bp
RefSeq ORF:	1695 bp
Locus ID:	10758
UniProt ID:	O43734
Cytogenetics:	6q21
MW:	63.5 kDa

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Gene Summary: This gene encodes a protein involved in regulating responses to cytokines by members of the Rel/NF-kappaB transcription factor family. These factors play a central role in innate immunity in response to pathogens, inflammatory signals and stress. This gene product interacts with TRAF proteins (tumor necrosis factor receptor-associated factors) and either I-kappaB kinase or MAP kinase to activate either NF-kappaB or Jun kinase. Several alternative transcripts encoding different isoforms have been identified. Another transcript, which does not encode a protein and is transcribed in the opposite orientation, has been identified. Overexpression of this transcript has been shown to reduce expression of at least one of the protein encoding transcripts, suggesting it has a regulatory role in the expression of this gene. [provided by RefSeq, Aug 2009]