

Product datasheet for **RC200894L4V**

C3IP1 (KLHL12) (NM_021633) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C3IP1 (KLHL12) (NM_021633) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C3IP1
Synonyms:	C3IP1; DKIR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021633
ORF Size:	1704 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200894).
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_021633.2
RefSeq Size:	3338 bp
RefSeq ORF:	1707 bp
Locus ID:	59349
UniProt ID:	Q53G59
Cytogenetics:	1q32.1
Domains:	BTB, Kelch
MW:	63.3 kDa



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Gene Summary:

This gene encodes a member of the KLHL (Kelch-like) family of proteins. This protein has been identified as an autoantigen in the autoimmune disease Sjogren's syndrome and as a potential biomarker in primary biliary cirrhosis. This protein may act as a substrate adaptor of the Cullin-3 ubiquitin ligase complex to promote substrate-specific ubiquitylation. Ubiquitylation by this complex has been shown to regulate the Wnt signaling pathway as well as COPII vesicle coat size. A pseudogene has been identified on chromosome 22. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]