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Product datasheet for RC211599L2V

cIAP2 (BIRC3) (NM_182962) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	cIAP2 (BIRC3) (NM_182962) Human Tagged ORF Clone Lentiviral Particle
Symbol:	cIAP2
Synonyms:	AIP1; API2; c-IAP2; CIAP2; HAIP1; HIAP1; IAP-1; MALT2; MIHC; RNF49
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_182962
ORF Size:	1812 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211599).
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_182962.1
RefSeq Size:	4372 bp
RefSeq ORF:	1815 bp
Locus ID:	330
UniProt ID:	Q13489
Cytogenetics:	11q22.2
Protein Families:	Druggable Genome

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Protein Pathways: Apoptosis, Focal adhesion, NOD-like receptor signaling pathway, Pathways in cancer, Small cell lung cancer, Ubiquitin mediated proteolysis

MW: 68.4 kDa

Gene Summary: This gene encodes a member of the IAP family of proteins that inhibit apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. The encoded protein inhibits apoptosis induced by serum deprivation but does not affect apoptosis resulting from exposure to menadione, a potent inducer of free radicals. It contains 3 baculovirus IAP repeats and a ring finger domain. Transcript variants encoding the same isoform have been identified. [provided by RefSeq, Aug 2011]