

## Product datasheet for **RC201023L4V**

### **COPZ1 (NM\_016057) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	COPZ1 (NM_016057) Human Tagged ORF Clone Lentiviral Particle
Symbol:	COPZ1
Synonyms:	CGI-120; COPZ; HSPC181; zeta-COP; zeta1-COP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016057
ORF Size:	531 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201023).
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. <a href="#">More info</a>
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:	<a href="#">NM_016057.1</a>
RefSeq Size:	1954 bp
RefSeq ORF:	534 bp
Locus ID:	22818
UniProt ID:	<a href="#">P61923</a>
Cytogenetics:	12q13.13
Domains:	Clat_adaptor_s
MW:	20.2 kDa



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**Gene Summary:**

This gene encodes a subunit of the cytoplasmic coatamer protein complex, which is involved in autophagy and intracellular protein trafficking. The coatamer protein complex is comprised of seven subunits and functions as the coat protein of coat protein complex (COP)I-vesicles. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]