

Product datasheet for **RC215240L4V**

CENPU (NM_024629) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CENPU (NM_024629) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CENPU
Synonyms:	CENP50; CENPU50; KLIP1; MLF1IP; PBIP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024629
ORF Size:	1254 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215240).
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_024629.2
RefSeq Size:	2547 bp
RefSeq ORF:	1257 bp
Locus ID:	79682
UniProt ID:	Q71F23
Cytogenetics:	4q35.1
Protein Families:	Druggable Genome
MW:	47.3 kDa


[View online »](#)

Gene Summary:

The centromere is a specialized chromatin domain, present throughout the cell cycle, that acts as a platform on which the transient assembly of the kinetochore occurs during mitosis. All active centromeres are characterized by the presence of long arrays of nucleosomes in which CENPA (MIM 117139) replaces histone H3 (see MIM 601128). MLF1IP, or CENPU, is an additional factor required for centromere assembly (Foltz et al., 2006 [PubMed 16622419]). [supplied by OMIM, Mar 2008]