

Product datasheet for **RC215378L4V**

Claspin (CLSPN) (NM_022111) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Claspin (CLSPN) (NM_022111) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Claspin
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022111
ORF Size:	4017 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215378).
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_022111.3
RefSeq Size:	8484 bp
RefSeq ORF:	4020 bp
Locus ID:	63967
UniProt ID:	Q9HAW4
Cytogenetics:	1p34.3
MW:	151.1 kDa



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Gene Summary:

The product of this gene is an essential upstream regulator of checkpoint kinase 1 and triggers a checkpoint arrest of the cell cycle in response to replicative stress or DNA damage. The protein is also required for efficient DNA replication during a normal S phase. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]