

Product datasheet for **RC215378L3V**

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

Product data:

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| 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]