

Product datasheet for RC215378L4

OriGene Technologies, Inc.

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Claspin (CLSPN) (NM_022111) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Claspin (CLSPN) (NM_022111) Human Tagged Lenti ORF Clone

Tag:mGFPSymbol:Claspin

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC215378).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





ACCN: NM_022111

ORF Size: 4017 bp





Claspin (CLSPN) (NM_022111) Human Tagged Lenti ORF Clone - RC215378L4

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 022111.3</u>

 RefSeq Size:
 8484 bp

 RefSeq ORF:
 4020 bp

 Locus ID:
 63967

 UniProt ID:
 Q9HAW4

Cytogenetics: 1p34.3

MW: 151.1 kDa

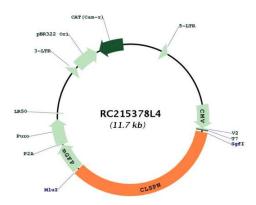
Gene Summary: The product of this gene is an essential upstream regulator of checkpoint kinase 1 and

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]



Product images:



Circular map for RC215378L4