

Product datasheet for RC205370L3V

OriGene Technologies, Inc.

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Calponin (CNN1) (NM_001299) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Calponin (CNN1) (NM 001299) Human Tagged ORF Clone Lentiviral Particle

Symbol: Calponin

Synonyms: HEL-S-14; Sm-Calp; SMCC

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK
ACCN: NM 001299

ORF Size: 891 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC205370).

Sequence:

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.

RefSeg: NM 001299.4

 RefSeq Size:
 1599 bp

 RefSeq ORF:
 894 bp

 Locus ID:
 1264

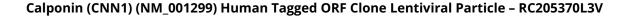
 UniProt ID:
 P51911

 Cytogenetics:
 19p13.2

Domains: calponin, CH

MW: 33.2 kDa







Gene Summary:

Thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin, troponin C and tropomyosin. The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity (By similarity).[UniProtKB/Swiss-Prot Function]