

Product datasheet for RC223152L3V

OriGene Technologies, Inc.

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CAPS1 (CADPS) (NM_183394) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: CAPS1 (CADPS) (NM_183394) Human Tagged ORF Clone Lentiviral Particle

Symbol: CAPS1

Synonyms: CADPS1; CAPS; CAPS1; UNC-31

Mammalian Cell

Selection:

Puromycin

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

Tag:Myc-DDKACCN:NM_183394

ORF Size: 3942 bp

ORF Nucleotide Sequence:

ucleotide The ORF insert of this clone is exactly the same as(RC223152).

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: <u>NM 183394.2</u>

 RefSeq Size:
 5365 bp

 RefSeq ORF:
 3945 bp

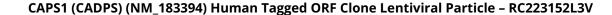
 Locus ID:
 8618

 UniProt ID:
 Q9ULU8

 Cytogenetics:
 3p14.2

MW: 148.8 kDa







Gene Summary:

This gene encodes a novel neural/endocrine-specific cytosolic and peripheral membrane protein required for the Ca2+-regulated exocytosis of secretory vesicles. The protein acts at a stage in exocytosis that follows ATP-dependent priming, which involves the essential synthesis of phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2). Alternative splicing has been observed at this locus and three variants, encoding distinct isoforms, are described. [provided by RefSeq, Aug 2008]