Product datasheet for RC201069L2V

CDC42EP3 (NM_006449) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CDC42EP3 (NM_006449) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CDC42EP3
Synonyms:	BORG2; CEP3; UB1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006449
ORF Size:	762 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201069).
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_006449.3
RefSeq Size:	5715 bp
RefSeq ORF:	765 bp
Locus ID:	10602
UniProt ID:	Q9UKI2
Cytogenetics:	2p22.2
Domains:	PBD
MW:	27.7 kDa

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Gene Summary: This gene encodes a member of a small family of guanosine triphosphate (GTP) metabolizing proteins that contain a CRIB (Cdc42, Rac interactive binding) domain. Members of this family of proteins act as effectors of CDC42 function. The encoded protein is involved in actin cytoskeleton re-organization during cell shape changes, including pseudopodia formation. A pseudogene of this gene is found on chromosome 19. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]