Product datasheet for RC201052L4V

CEP55 (NM_018131) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CEP55 (NM_018131) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CEP55
Synonyms:	C10orf3; CT111; MARCH; URCC6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018131
ORF Size:	1392 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201052).
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_018131.3, NP_060601.2
RefSeq Size:	2656 bp
RefSeq ORF:	1395 bp
Locus ID:	55165
UniProt ID:	Q53EZ4
Cytogenetics:	10q23.33
Protein Families:	Druggable Genome
MW:	54.1 kDa

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Gene Summary: Plays a role in mitotic exit and cytokinesis (PubMed:16198290, PubMed:17853893). Recruits PDCD6IP and TSG101 to midbody during cytokinesis. Required for successful completion of cytokinesis (PubMed:17853893). Not required for microtubule nucleation (PubMed:16198290). Plays a role in the development of the brain and kidney (PubMed:28264986).[UniProtKB/Swiss-Prot Function]