

Product datasheet for **RC217878L4V**

CEP162 (NM_014895) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CEP162 (NM_014895) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CEP162
Synonyms:	C6orf84; KIAA1009; QN1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014895
ORF Size:	4209 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217878).
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_014895.2
RefSeq Size:	5155 bp
RefSeq ORF:	4212 bp
Locus ID:	22832
UniProt ID:	Q5TB80
Cytogenetics:	6q14.2-q14.3
MW:	161.8 kDa



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Gene Summary:

Required to promote assembly of the transition zone in primary cilia. Acts by specifically recognizing and binding the axonemal microtubule. Localizes to the distal ends of centrioles before ciliogenesis and directly binds to axonemal microtubule, thereby promoting and restricting transition zone formation specifically at the cilia base. Required to mediate CEP290 association with microtubules.[UniProtKB/Swiss-Prot Function]