

Product datasheet for **RC227906L4V**

KIAA1712 (CEP44) (NM_001145314) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	KIAA1712
Synonyms:	KIAA1712; PSITP3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145314
ORF Size:	1197 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC227906).

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_001145314.1](#), [NP_001138786.1](#)

RefSeq ORF: 1200 bp

Locus ID: 80817

UniProt ID: [Q9C0F1](#)

Cytogenetics: 4q34.1

MW: 44.6 kDa



Gene Summary:

Centriole-enriched microtubule-binding protein involved in centriole biogenesis. In collaboration with CEP295 and POC1B, is required for the centriole-to-centrosome conversion by ensuring the formation of bona fide centriole wall (PubMed:32060285). Functions as a linker component that maintains centrosome cohesion. Associates with CROCC and regulates its stability and localization to the centrosome (PubMed:31974111).[UniProtKB/Swiss-Prot Function]