

Product datasheet for RC227906L4V

OriGene Technologies, Inc.

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

Product data:

Product Type: Lentiviral Particles

Symbol: KIAA1712

Synonyms: KIAA1712; PS1TP3

Mammalian Cell Puromycin

Selection:

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: <u>NM_001145314.1, NP_001138786.1</u>

RefSeq ORF: 1200 bp

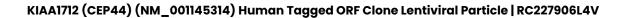
Locus ID: 80817

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]