

Product datasheet for **MR211452L4V**

Ccdc57 (NM_027745) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Ccdc57
Synonyms:	4933434G05Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_027745
ORF Size:	3048 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR211452).

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_027745.1](#), [NP_082021.1](#)

RefSeq Size: 3437 bp

RefSeq ORF: 3051 bp

Locus ID: 71276

UniProt ID: [Q6PHN1](#)

Cytogenetics: 11 E2



Gene Summary:

Pleiotropic regulator of centriole duplication, mitosis, and ciliogenesis (PubMed:32402286). Critical interface between centrosome and microtubule-mediated cellular processes. Centriole duplication protein required for recruitment of CEP63, CEP152, and PLK4 to the centrosome. Independent of its centrosomal targeting, localizes to and interacts with microtubules and regulates microtubule nucleation, stability, and mitotic progression (By similarity).[UniProtKB/Swiss-Prot Function]