

Product datasheet for RC209653L4V

OriGene Technologies, Inc.

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C5orf45 (MRNIP) (NM 016175) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: C5orf45 (MRNIP) (NM_016175) Human Tagged ORF Clone Lentiviral Particle

Symbol: C5orf45 Synonyms: **Mammalian Cell**

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

mGFP Tag:

ACCN: NM 016175 **ORF Size:** 1029 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC209653).

OTI Disclaimer:

Sequence:

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

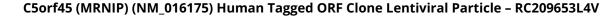
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeq: NM 016175.3

RefSeq Size: 1229 bp RefSeq ORF: 1032 bp Locus ID: 51149 **UniProt ID:** Q6NTE8 Cytogenetics: 5q35.3 MW: 37.6 kDa







Gene Summary:

Plays a role in the cellular response to DNA damage and the maintenance of genome stability through its association with the MRN damage-sensing complex (PubMed:27568553). Promotes chromatin loading and activity of the MRN complex to facilitate subsequent ATM-mediated DNA damage response signaling and DNA repair (PubMed:27568553). [UniProtKB/Swiss-Prot Function]