

Product datasheet for RC228103L4V

OriGene Technologies, Inc.

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C16orf52 (MOSMO) (NM 001164579) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: C16orf52 (MOSMO) (NM 001164579) Human Tagged ORF Clone Lentiviral Particle

Symbol: MOSMC

Synonyms: ATTHOG; BC030336; C16orf52

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

ACCN: NM_001164579

ORF Size: 501 bp

ORF Nucleotide

OTI Disclaimer:

The ORF insert of this clone is exactly the same as(RC228103).

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: <u>NM 001164579.1</u>

 RefSeq ORF:
 504 bp

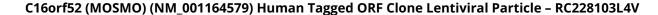
 Locus ID:
 730094

 UniProt ID:
 Q8NHV5

 Cytogenetics:
 16p12.2

 MW:
 18.1 kDa







Gene Summary:

Acts as a negative regulator of hedgehog signaling probably by promoting internalization and subsequent degradation of smoothened protein (SMO) present in the ciliary membrane. Plays a role in sonic hedgehog (SHH)-induced spinal neural progenitor cells differentiation. [UniProtKB/Swiss-Prot Function]