

Product datasheet for **RC228103L4V**

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:	MOSMO
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 Sequence:	The ORF insert of this clone is exactly the same as(RC228103).
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_001164579.1
RefSeq ORF:	504 bp
Locus ID:	730094
UniProt ID:	Q8NHV5
Cytogenetics:	16p12.2
MW:	18.1 kDa



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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]