

Product datasheet for **MR207606L4V**

BC050099 (BC050099) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	BC050099
Synonyms:	AA408604; cea9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC050099
ORF Size:	1425 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR207606).

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: [BC050099](#), [AAH50099](#)

RefSeq Size: 1786 bp

RefSeq ORF: 1427 bp

Locus ID: 243862

Cytogenetics: 7 A3



Gene Summary:

May have an angiogenic function during early placental development. Binds to cell-surface heparan sulfate proteoglycans (HSPGs), and stimulates secretion of the proangiogenic factors VEGFA and TGFB from uterine dendritic cells and natural killer cells. Also induces endothelial tube formation in vitro.[UniProtKB/Swiss-Prot Function]