

Product datasheet for **MR201308L4V**

0610008C08Rik (BC016557) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	0610008C08Rik (BC016557) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	0610008C08Rik
Synonyms:	0610008C08Rik; 1110019O03Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC016557
ORF Size:	492 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201308).
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:	BC016557.1
RefSeq Size:	1186 bp
RefSeq ORF:	494 bp
Locus ID:	68316
Cytogenetics:	X C3



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Gene Summary:

Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Plays a crucial role in crista junction formation and mitochondrial function (By similarity). Can induce cardiac lipotoxicity by enhancing mitochondrial respiration and fatty acid metabolism in cardiac myoblasts (PubMed:24743151). Promotes cholesterol efflux from macrophage cells. Detected in HDL, LDL and VLDL. Secreted by a microsomal triglyceride transfer protein (MTTP)-dependent mechanism, probably as a VLDL-associated protein that is subsequently transferred to HDL (By similarity).[UniProtKB/Swiss-Prot Function]