

Product datasheet for **MR220914L4V**

Sesn3 (NM_030261) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sesn3 (NM_030261) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sesn3
Synonyms:	5630400E15Rik; BC003348; SEST3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030261
ORF Size:	1479 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220914).
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_030261.4 , NP_084537.2
RefSeq Size:	2158 bp
RefSeq ORF:	1479 bp
Locus ID:	75747
UniProt ID:	Q9CYP7
Cytogenetics:	9 A1



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Gene Summary:

May function as an intracellular leucine sensor that negatively regulates the TORC1 signaling pathway (PubMed:25259925). May also regulate the insulin-receptor signaling pathway through activation of TORC2 (PubMed:25377878). This metabolic regulator may also play a role in protection against oxidative and genotoxic stresses (By similarity).[UniProtKB/Swiss-Prot Function]