

Product datasheet for **MR227439L4V**

Nt5e (NM_011851) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

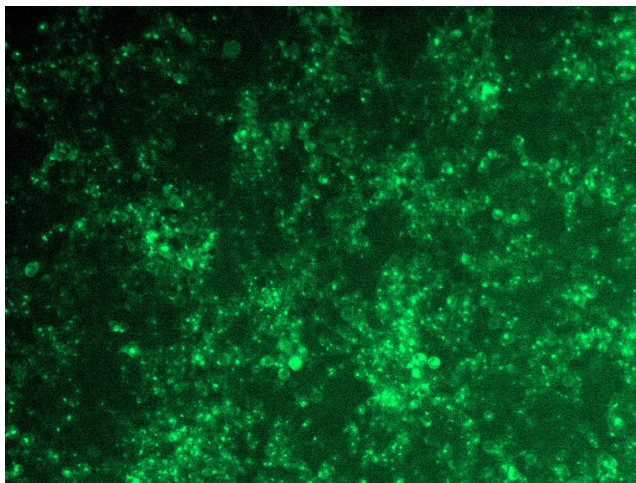
Product Type:	Lentiviral Particles
Product Name:	Nt5e (NM_011851) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nt5e
Synonyms:	5'-NT; 2210401F01Rik; AI447961; CD73; eNT; NT; Nt5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011851
ORF Size:	1728 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227439).
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_011851.4 , NP_035981.1
RefSeq Size:	3580 bp
RefSeq ORF:	1731 bp
Locus ID:	23959
UniProt ID:	Q61503
Cytogenetics:	9 E3.1



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Gene Summary:

This gene encodes a membrane-bound nucleotidase that hydrolyzes extracellular nucleoside monophosphates. The encoded preproprotein undergoes proteolytic processing to generate to a functional, homodimeric enzyme that preferentially uses adenosine monophosphate as a substrate to generate free adenosine. Mice lacking the encoded protein exhibit a significantly reduced fall in stop flow pressure and superficial nephron glomerular filtration rate in response to a saturating increase of tubular perfusion flow. [provided by RefSeq, Sep 2016]

Product images:

[MR227439L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR227439L4V particle to overexpress human Nt5e-mGFP fusion protein.