

Product datasheet for **MR204478L3V**

Nat6 (NM_019750) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nat6 (NM_019750) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nat6
Synonyms:	AI225910; Fus2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_019750
ORF Size:	945 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204478).
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_019750.2
RefSeq Size:	2020 bp
RefSeq ORF:	945 bp
Locus ID:	56441
UniProt ID:	Q9R123
Cytogenetics:	9 58.18 cM


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Gene Summary:

N-alpha-acetyltransferase that specifically mediates the acetylation of the acidic amino terminus of processed forms of beta- and gamma-actin (ACTB and ACTG, respectively). N-terminal acetylation of processed beta- and gamma-actin regulates actin filament depolymerization and elongation. In vivo, preferentially displays N-terminal acetyltransferase activity towards acid N-terminal sequences starting with Asp-Asp-Asp and Glu-Glu-Glu. In vitro, shows high activity towards Met-Asp-Glu-Leu and Met-Asp-Asp-Asp. May act as a tumor suppressor.[UniProtKB/Swiss-Prot Function]