

Product datasheet for MR204478L3

Nat6 (NM_019750) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Nat6 (NM_019750) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Nat6

Synonyms: Al225910; Fus2

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(MR204478).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_019750

ORF Size: 942 bp



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Nat6 (NM_019750) Mouse Tagged Lenti ORF Clone - MR204478L3

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with

0.22um filter is required.

RefSeq: <u>NM 019750.2</u>

RefSeq Size: 2020 bp
RefSeq ORF: 945 bp
Locus ID: 56441
UniProt ID: Q9R123

Cytogenetics: 9 58.18 cM

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-

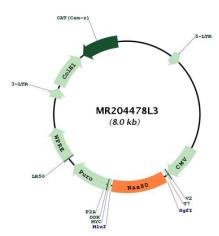
terminal acetylation of processed beta- and gamma-actin regulates actin filament

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]



Product images:



Circular map for MR204478L3