

## Product datasheet for RC200952L3

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OriGene Technologies, Inc.

## NUDT9 (NM\_198038) Human Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: NUDT9 (NM\_198038) Human Tagged Lenti ORF Clone

Tag:Myc-DDKSymbol:NUDT9Synonyms:NUDT10

Mammalian Cell Puromycin

Selection:

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

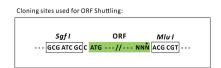
E. coli Selection: Chloramphenicol (34 ug/mL)

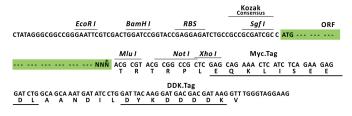
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC200952).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_198038

ORF Size: 1053 bp





## NUDT9 (NM\_198038) Human Tagged Lenti ORF Clone - RC200952L3

**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.

**RefSeq:** <u>NM 198038.1</u>

 RefSeq Size:
 2458 bp

 RefSeq ORF:
 903 bp

 Locus ID:
 53343

 UniProt ID:
 Q9BW91

 Cytogenetics:
 4q22.1

**Protein Families:** Druggable Genome, Ion Channels: Other

**Protein Pathways:** Purine metabolism

**MW:** 39.1 kDa

**Gene Summary:** The protein encoded by this gene belongs to the Nudix hydrolase family. Nudix boxes are

found in a family of diverse enzymes that catalyze the hydrolysis of nucleoside diphosphate derivatives. This enzyme is an ADP-ribose pyrophosphatase that catalyzes the hydrolysis of ADP-ribose to AMP and ribose-5-P. It requires divalent metal ions and an intact Nudix motif for enzymatic activity. Alternatively spliced transcript variants encoding different isoforms

have been found for this gene. [provided by RefSeq, Oct 2011]