

## Product datasheet for **RC222894L4V**

### NUDT9 (NM\_024047) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	NUDT9 (NM_024047) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NUDT9
Synonyms:	NUDT10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024047
ORF Size:	1050 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222894).
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. <a href="#">More info</a>
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:	<a href="#">NM_024047.3</a>
RefSeq Size:	1716 bp
RefSeq ORF:	1053 bp
Locus ID:	53343
UniProt ID:	<a href="#">Q9BW91</a>
Cytogenetics:	4q22.1
Domains:	NUDIX
Protein Families:	Druggable Genome, Ion Channels: Other



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**Protein Pathways:** Purine metabolism

**MW:** 38.9 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]