

Product datasheet for **RC204100L4V**

NUDT4 (NM_019094) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NUDT4 (NM_019094) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NUDT4
Synonyms:	DIPP2B; DIPP2; DIPP2alpha; DIPP2beta; HDCMB47P; NUDT4B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019094
ORF Size:	543 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204100).
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_019094.4
RefSeq Size:	4812 bp
RefSeq ORF:	543 bp
Locus ID:	11163
UniProt ID:	Q9NZJ9
Cytogenetics:	12q22
Domains:	NUDIX
Protein Families:	Druggable Genome


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MW: 20.4 kDa

Gene Summary: The protein encoded by this gene regulates the turnover of diphosphoinositol polyphosphates. The turnover of these high-energy diphosphoinositol polyphosphates represents a molecular switching activity with important regulatory consequences. Molecular switching by diphosphoinositol polyphosphates may contribute to regulating intracellular trafficking. Several alternatively spliced transcript variants have been described, but the full-length nature of some variants has not been determined. Isoforms DIPP2alpha and DIPP2beta are distinguishable from each other solely by DIPP2beta possessing one additional amino acid due to intron boundary skidding in alternate splicing. [provided by RefSeq, Jul 2008]