

## Product datasheet for **RC224002L2V**

### **NNT (NM\_012343) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	NNT (NM_012343) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NNT
Synonyms:	GCCD4
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_012343
ORF Size:	3258 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224002).
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_012343.2</a>
RefSeq Size:	4600 bp
RefSeq ORF:	3261 bp
Locus ID:	23530
UniProt ID:	<a href="#">Q13423</a>
Cytogenetics:	5p12
Domains:	PNTB, AlaDh_PNT_C, AlaDh_PNT_N
Protein Families:	Transmembrane



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**Protein Pathways:** Metabolic pathways, Nicotinate and nicotinamide metabolism

**MW:** 113.7 kDa

**Gene Summary:** This gene encodes an integral protein of the inner mitochondrial membrane. The enzyme couples hydride transfer between NAD(H) and NADP(+) to proton translocation across the inner mitochondrial membrane. Under most physiological conditions, the enzyme uses energy from the mitochondrial proton gradient to produce high concentrations of NADPH. The resulting NADPH is used for biosynthesis and in free radical detoxification. [provided by RefSeq, Sep 2016]