

Product datasheet for **RC202915L4V**

NDUFV3 (NM_021075) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NDUFV3 (NM_021075) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NDUFV3
Synonyms:	CI-9KD; CI-10k
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021075
ORF Size:	1419 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202915).
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_021075.3 , NP_066553.3
RefSeq Size:	2151 bp
RefSeq ORF:	1422 bp
Locus ID:	4731
UniProt ID:	P56181
Cytogenetics:	21q22.3
Protein Pathways:	Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease



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MW: 51 kDa

Gene Summary: The protein encoded by this gene is one of at least forty-one subunits that make up the NADH-ubiquinone oxidoreductase complex. This complex is part of the mitochondrial respiratory chain and serves to catalyze the rotenone-sensitive oxidation of NADH and the reduction of ubiquinone. The encoded protein is one of three proteins found in the flavoprotein fraction of the complex. The specific function of the encoded protein is unknown. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]