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Product datasheet for RC224571L3V

NDUFB1 (NM_004545) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NDUFB1 (NM_004545) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NDUFB1
Synonyms:	CI-MNLL; CI-SGDH; MNLL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004545
ORF Size:	315 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC224571).`
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_004545.3, NP_004536.2
RefSeq Size:	433 bp
RefSeq ORF:	177 bp
Locus ID:	4707
UniProt ID:	O75438
Cytogenetics:	14q32.12
Protein Families:	Transmembrane

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Protein Pathways:	Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease
MW:	11.9 kDa
Gene Summary:	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.[UniProtKB/Swiss-Prot Function]