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Product datasheet for RC203265L3V

DAP13 (NDUFA12) (NM_018838) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DAP13 (NDUFA12) (NM_018838) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DAP13
Synonyms:	B17.2; DAP13; MC1DN23
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_018838
ORF Size:	435 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC203265).`
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_018838.3
RefSeq Size:	592 bp
RefSeq ORF:	438 bp
Locus ID:	55967
UniProt ID:	Q9UI09
Cytogenetics:	12q22
Domains:	Complex1_17_2kD
MW:	17.1 kDa

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Gene Summary: This gene encodes a protein which is part of mitochondrial complex 1, part of the oxidative phosphorylation system in mitochondria. Complex 1 transfers electrons to ubiquinone from NADH which establishes a proton gradient for the generation of ATP. Mutations in this gene are associated with Leigh syndrome due to mitochondrial complex 1 deficiency. Pseudogenes of this gene are located on chromosomes 5 and 13. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2012]