

Product datasheet for **RC219950L4V**

ECHDC1 (NM_018479) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ECHDC1 (NM_018479) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ECHDC1
Synonyms:	dj351K20.2; HEL-S-76; MMCD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018479
ORF Size:	435 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219950).
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_018479.2
RefSeq Size:	2271 bp
RefSeq ORF:	438 bp
Locus ID:	55862
UniProt ID:	Q9NTX5
Cytogenetics:	6q22.33
Domains:	ECH
MW:	15.7 kDa



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Gene Summary:

Decarboxylates ethylmalonyl-CoA decarboxylase, a potentially toxic metabolite, to form butyryl-CoA, suggesting it might be involved in metabolite proofreading. Also has methylmalonyl-CoA decarboxylase activity at lower level.[UniProtKB/Swiss-Prot Function]