

Product datasheet for **RC201220L2V**

DLST (NM_001933) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DLST (NM_001933) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DLST
Synonyms:	DLTS; KGD2; PGL7
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001933
ORF Size:	1359 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201220).
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_001933.3
RefSeq Size:	2828 bp
RefSeq ORF:	1362 bp
Locus ID:	1743
UniProt ID:	P36957
Cytogenetics:	14q24.3
Domains:	biotin_lipoyl, 2-oxoacid_dh
Protein Pathways:	Citrate cycle (TCA cycle), Lysine degradation, Metabolic pathways



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MW: 48.6 kDa

Gene Summary: This gene encodes a mitochondrial protein that belongs to the 2-oxoacid dehydrogenase family. This protein is one of the three components (the E2 component) of the 2-oxoglutarate dehydrogenase complex that catalyzes the overall conversion of 2-oxoglutarate to succinyl-CoA and CO₂. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Oct 2011]