

Product datasheet for **RC203308L4V**

CISD1 (NM_018464) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CISD1 (NM_018464) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CISD1
Synonyms:	C10orf70; MDS029; mitoNEET; ZCD1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018464
ORF Size:	324 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203308).
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_018464.2
RefSeq Size:	2115 bp
RefSeq ORF:	327 bp
Locus ID:	55847
UniProt ID:	Q9NZ45
Cytogenetics:	10q21.1
Domains:	ZnF_CDGSH
Protein Families:	Transmembrane

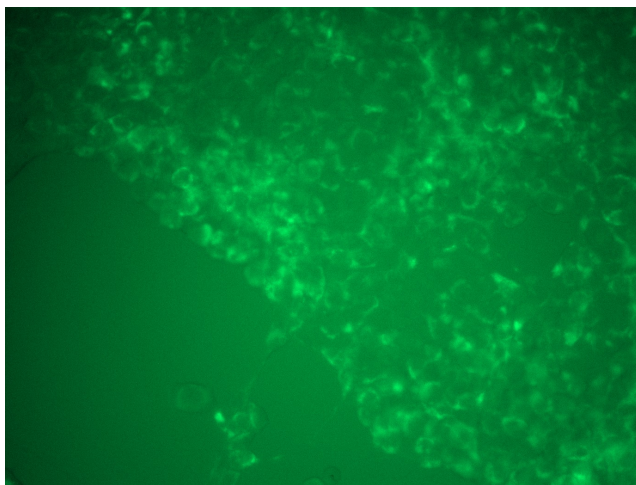


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MW: 12.2 kDa

Gene Summary: This gene encodes a protein with a CDGSH iron-sulfur domain and has been shown to bind a redox-active [2Fe-2S] cluster. The encoded protein has been localized to the outer membrane of mitochondria and is thought to play a role in regulation of oxidation. Genes encoding similar proteins are located on chromosomes 4 and 17, and a pseudogene of this gene is located on chromosome 2. [provided by RefSeq, Feb 2012]

Product images:



[RC203308L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC203308L4V particle to overexpress human CISD1-mGFP fusion protein.