

Product datasheet for **RC208960L4V**

SLC25A28 (NM_031212) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC25A28 (NM_031212) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC25A28
Synonyms:	MFRN2; MRS3/4; MRS4L; NPD016
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_031212
ORF Size:	1092 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208960).
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_031212.3
RefSeq Size:	1584 bp
RefSeq ORF:	1095 bp
Locus ID:	81894
UniProt ID:	Q96A46
Cytogenetics:	10q24.2
Domains:	mito_carr
MW:	39.1 kDa



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Gene Summary:

Mitochondrial iron transporter that mediates iron uptake. Probably required for heme synthesis of hemoproteins and Fe-S cluster assembly in non-erythroid cells. The iron delivered into the mitochondria, presumably as Fe(2+), is then probably delivered to ferrochelatase to catalyze Fe(2+) incorporation into protoporphyrin IX to make heme (By similarity).[UniProtKB/Swiss-Prot Function]