

Product datasheet for **RC203684L4V**

CCDC90A (MCUR1) (NM_001031713) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	CCDC90A
Synonyms:	C6orf79; CCDC90A; FMP32
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001031713
ORF Size:	1077 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC203684).

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_001031713.2 , NP_001026883.1
RefSeq Size:	5472 bp
RefSeq ORF:	1080 bp
Locus ID:	63933
UniProt ID:	Q96AQ8
Cytogenetics:	6p23



Protein Families: Transmembrane

MW: 39.7 kDa

Gene Summary: Key regulator of mitochondrial calcium uniporter (MCU) required for calcium entry into mitochondrion (PubMed:23178883, PubMed:26445506, PubMed:27184846, PubMed:26976564). Plays a direct role in uniporter-mediated calcium uptake via a direct interaction with MCU (PubMed:23178883). Probably involved in the assembly of the membrane components of the uniporter complex (uniplex) (PubMed:27184846).[UniProtKB/Swiss-Prot Function]