

Product datasheet for **RC226673L4V**

C4orf52 (SMIM20) (NM_001145432) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	C4orf52
Synonyms:	C4orf52; MITRAC7; PNX
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145432
ORF Size:	201 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC226673).

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_001145432.1](#), [NP_001138904.1](#)

RefSeq ORF: 204 bp

Locus ID: 389203

UniProt ID: [Q8N5G0](#)

Cytogenetics: 4p15.2

MW: 7.5 kDa



Gene Summary:

Component of the MITRAC (mitochondrial translation regulation assembly intermediate of cytochrome c oxidase complex) complex, that regulates cytochrome c oxidase assembly. Promotes the progression of complex assembly after the association of MT-CO1/COX1 with COX4II and COX6C. Chaperone-like assembly factor required to stabilize newly synthesized MT-CO1/COX1 and to prevent its premature turnover.[UniProtKB/Swiss-Prot Function]