

Product datasheet for **RC207892L4V**

PDSS2 (NM_020381) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PDSS2 (NM_020381) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PDSS2
Synonyms:	bA59I9.3; C6orf210; COQ1B; COQ10D3; DLP1; hDLP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020381
ORF Size:	1197 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207892).
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_020381.2 , NP_065114.2
RefSeq Size:	3568 bp
RefSeq ORF:	1200 bp
Locus ID:	57107
UniProt ID:	Q86YH6
Cytogenetics:	6q21
Protein Pathways:	Terpenoid backbone biosynthesis
MW:	44.2 kDa



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Gene Summary:

The protein encoded by this gene is an enzyme that synthesizes the prenyl side-chain of coenzyme Q, or ubiquinone, one of the key elements in the respiratory chain. The gene product catalyzes the formation of all trans-polyprenyl pyrophosphates from isopentyl diphosphate in the assembly of polyisoprenoid side chains, the first step in coenzyme Q biosynthesis. Defects in this gene are a cause of coenzyme Q10 deficiency.[provided by RefSeq, Oct 2009]