

Product datasheet for **RC215476L4V**

CYP11B2 (NM_000498) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CYP11B2 (NM_000498) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CYP11B2 (CYP11B2)
Synonyms:	ALDOS; CPN2; CYP11B; CYP11BL; CYPXIB2; P-450C18; P450aldo; P450C18
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000498
ORF Size:	1509 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215476).
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_000498.2
RefSeq Size:	2936 bp
RefSeq ORF:	1512 bp
Locus ID:	1585
UniProt ID:	P19099
Cytogenetics:	8q24.3
Protein Families:	Druggable Genome
Protein Pathways:	C21-Steroid hormone metabolism, Metabolic pathways


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MW: 57.56 kDa

Gene Summary: This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the mitochondrial inner membrane. The enzyme has steroid 18-hydroxylase activity to synthesize aldosterone and 18-oxocortisol as well as steroid 11 beta-hydroxylase activity. Mutations in this gene cause corticosterone methyl oxidase deficiency. [provided by RefSeq, Jul 2008]