

Product datasheet for **RC210185L4V**

CYP4F22 (NM_173483) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CYP4F22 (NM_173483) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CYP4F22
Synonyms:	ARCI5; INLNE; LI3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173483
ORF Size:	1593 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210185).
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_173483.1
RefSeq Size:	2620 bp
RefSeq ORF:	1596 bp
Locus ID:	126410
UniProt ID:	Q6NT55
Cytogenetics:	19p13.12
Domains:	p450
Protein Families:	Druggable Genome, Transmembrane


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MW: 62 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 gene is part of a cluster of cytochrome P450 genes on chromosome 19 and encodes an enzyme thought to play a role in the 12(R)-lipoxygenase pathway. Mutations in this gene are the cause of ichthyosis lamellar type 3. [provided by RefSeq, Jul 2008]