

Product datasheet for **RC224082L3V**

CYP4A22 (NM_001010969) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CYP4A22 (NM_001010969) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CYP4A22
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001010969
ORF Size:	1557 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224082).
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_001010969.2
RefSeq Size:	1668 bp
RefSeq ORF:	1560 bp
Locus ID:	284541
UniProt ID:	Q5TCH4
Cytogenetics:	1p33
Protein Families:	P450, Transmembrane
Protein Pathways:	Arachidonic acid metabolism, Fatty acid metabolism, Metabolic pathways, PPAR signaling pathway, Retinol metabolism, Vascular smooth muscle contraction



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MW: 59.1 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 1p33. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015]