

Product datasheet for **RC200529L4V**

UROD (NM_000374) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	UROD (NM_000374) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UROD
Synonyms:	PCT; UPD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000374
ORF Size:	1101 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200529).
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_000374.3
RefSeq Size:	1408 bp
RefSeq ORF:	1104 bp
Locus ID:	7389
UniProt ID:	P06132
Cytogenetics:	1p34.1
Domains:	URO-D
Protein Families:	Druggable Genome



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Protein Pathways: Porphyrin and chlorophyll metabolism

MW: 40.8 kDa

Gene Summary: This gene encodes an enzyme in the heme biosynthetic pathway. This enzyme is responsible for catalyzing the conversion of uroporphyrinogen to coproporphyrinogen through the removal of four carboxymethyl side chains. Mutations and deficiency in this enzyme are known to cause familial porphyria cutanea tarda and hepatoerythropoetic porphyria. [provided by RefSeq, Aug 2010]