

Product datasheet for **RC206603L4V**

Dihydropyrimidinase (DPYS) (NM_001385) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dihydropyrimidinase (DPYS) (NM_001385) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Dihydropyrimidinase
Synonyms:	DHP; DHPase
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001385
ORF Size:	1557 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206603).
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_001385.1
RefSeq Size:	2197 bp
RefSeq ORF:	1560 bp
Locus ID:	1807
UniProt ID:	Q14117
Cytogenetics:	8q22.3
Domains:	Amidohydro_1
Protein Families:	Druggable Genome



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Protein Pathways:	beta-Alanine metabolism, Drug metabolism - other enzymes, Metabolic pathways, Pantothenate and CoA biosynthesis, Pyrimidine metabolism
MW:	56.6 kDa
Gene Summary:	Dihydropyrimidinase catalyzes the conversion of 5,6-dihydrouracil to 3-ureidopropionate in pyrimidine metabolism. Dihydropyrimidinase is expressed at a high level in liver and kidney as a major 2.5-kb transcript and a minor 3.8-kb transcript. Defects in the DPYS gene are linked to dihydropyrimidinuria. [provided by RefSeq, Jul 2008]