

Product datasheet for **RC201430L4V**

Dehydrodolichyl Diphosphate Synthase (DHDDS) (NM_024887) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dehydrodolichyl Diphosphate Synthase (DHDDS) (NM_024887) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Dehydrodolichyl Diphosphate Synthase
Synonyms:	CIT; CPT; DEDSM; DS; hCIT; HDS; RP59
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024887
ORF Size:	909 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201430).
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_024887.2
RefSeq Size:	3343 bp
RefSeq ORF:	1005 bp
Locus ID:	79947
UniProt ID:	Q86SQ9
Cytogenetics:	1p36.11
Domains:	UPP_synthetase



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Protein Pathways: Terpenoid backbone biosynthesis

MW: 38.7 kDa

Gene Summary: The protein encoded by this gene catalyzes cis-prenyl chain elongation to produce the polyprenyl backbone of dolichol, a glycosyl carrier lipid required for the biosynthesis of several classes of glycoproteins. Mutations in this gene are associated with retinitis pigmentosa type 59. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]