

Product datasheet for RC225945L4V

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

TRP2 (DCT) (NM_001129889) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: TRP2 (DCT) (NM_001129889) Human Tagged ORF Clone Lentiviral Particle

Symbol: DCT

Synonyms: TRP-2; TYRP2

Mammalian Cell Puromycin

Selection:

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Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_001129889

ORF Size: 1656 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC225945).

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Cytogenetics:

Sequence:

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 001129889.1, NP 001123361.1

13q32.1

 RefSeq ORF:
 1659 bp

 Locus ID:
 1638

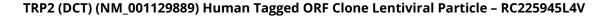
 UniProt ID:
 P40126

Protein Families: Transmembrane

Protein Pathways: Melanogenesis, Metabolic pathways, Tyrosine metabolism

MW: 62.7 kDa







Gene Summary:

Catalyzes the conversion of L-dopachrome into 5,6-dihydroxyindole-2-carboxylic acid (DHICA) (PubMed:8306979). Involved in regulating eumelanin and phaeomelanin levels. [UniProtKB/Swiss-Prot Function]