

Product datasheet for **RC225945L4V**

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 Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001129889
ORF Size:	1656 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225945).
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
RefSeq ORF:	1659 bp
Locus ID:	1638
UniProt ID:	P40126
Cytogenetics:	13q32.1
Protein Families:	Transmembrane
Protein Pathways:	Melanogenesis, Metabolic pathways, Tyrosine metabolism
MW:	62.7 kDa



[View online »](#)

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]