

## Product datasheet for **RC208595L3V**

### TRP1 (TYRP1) (NM\_000550) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TRP1 (TYRP1) (NM_000550) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TRP1
Synonyms:	b-PROTEIN; CAS2; CATB; GP75; OCA3; TRP; TRP1; TYRP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_000550
ORF Size:	1611 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208595).
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. <a href="#">More info</a>
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:	<a href="#">NM_000550.1</a>
RefSeq Size:	2876 bp
RefSeq ORF:	1614 bp
Locus ID:	7306
UniProt ID:	<a href="#">P17643</a>
Cytogenetics:	9p23
Domains:	tyrosinase
Protein Families:	Druggable Genome, Transmembrane



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**Protein Pathways:** Melanogenesis, Metabolic pathways, Tyrosine metabolism

**MW:** 60.7 kDa

**Gene Summary:** This gene encodes a melanosomal enzyme that belongs to the tyrosinase family and plays an important role in the melanin biosynthetic pathway. Defects in this gene are the cause of rufous oculocutaneous albinism and oculocutaneous albinism type III. [provided by RefSeq, Mar 2009]