

## Product datasheet for **RC204543L4V**

### RTP4 (NM\_022147) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	RTP4 (NM_022147) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RTP4
Synonyms:	IFRG28; Z3CXXC4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022147
ORF Size:	738 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204543).
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_022147.2</a>
RefSeq Size:	1027 bp
RefSeq ORF:	741 bp
Locus ID:	64108
UniProt ID:	<a href="#">Q96DX8</a>
Cytogenetics:	3q27.3
Protein Families:	Druggable Genome
MW:	28 kDa



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**Gene Summary:**

Probable chaperone protein which facilitates trafficking and functional cell surface expression of some G-protein coupled receptors (GPCRs). Promotes functional expression of the bitter taste receptor TAS2R16 (PubMed:16720576). Also promotes functional expression of the opioid receptor heterodimer OPRD1-OPRM1 (By similarity).[UniProtKB/Swiss-Prot Function]