

Product datasheet for **RC215289L4V**

MERTK (NM_006343) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MERTK (NM_006343) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MERTK
Synonyms:	c-Eyk; c-mer; MER; RP38; Tyro12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006343
ORF Size:	2997 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215289).
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_006343.2
RefSeq Size:	3632 bp
RefSeq ORF:	3000 bp
Locus ID:	10461
UniProt ID:	Q12866
Cytogenetics:	2q13
Domains:	ptk, TyrKc, S_TKc, ig, IG, FN3
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane

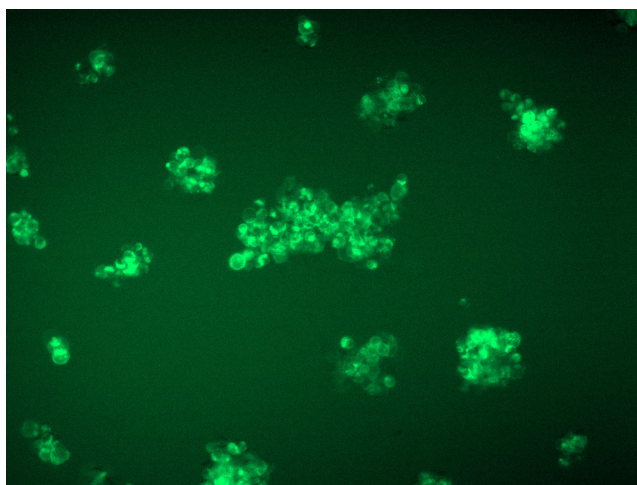


[View online »](#)

MW: 110.25 kDa

Gene Summary: This gene is a member of the MER/AXL/TYRO3 receptor kinase family and encodes a transmembrane protein with two fibronectin type-III domains, two Ig-like C2-type (immunoglobulin-like) domains, and one tyrosine kinase domain. Mutations in this gene have been associated with disruption of the retinal pigment epithelium (RPE) phagocytosis pathway and onset of autosomal recessive retinitis pigmentosa (RP). [provided by RefSeq, Jul 2008]

Product images:



[RC215289L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC215289L4V particle to overexpress human MERTK-mGFP fusion protein.