

## Product datasheet for **RC215794L1V**

### PTCRA (NM\_138296) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PTCRA (NM_138296) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PTCRA
Synonyms:	PT-ALPHA; PTA
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_138296
ORF Size:	843 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215794).
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_138296.1</a>
RefSeq Size:	1080 bp
RefSeq ORF:	846 bp
Locus ID:	171558
UniProt ID:	<a href="#">Q6ISU1</a>
Cytogenetics:	6p21.1
Protein Families:	Transmembrane
Protein Pathways:	Notch signaling pathway



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**MW:** 29.1 kDa

**Gene Summary:** The protein encoded by this gene is a single-pass type I membrane protein that is found in immature but not mature T-cells. Along with TCRB and CD3 complex, the encoded protein forms the pre-T-cell receptor complex, which regulates early T-cell development. Four transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011]