

## Product datasheet for **MR211564L4V**

### **Ptk7 (NM\_175168) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Ptk7 (NM_175168) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ptk7
Synonyms:	8430404F20Rik; chz; mPTK7/CCK4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_175168
ORF Size:	3186 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211564).
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_175168.2</a>
RefSeq Size:	4187 bp
RefSeq ORF:	3189 bp
Locus ID:	71461
UniProt ID:	<a href="#">Q8BKG3</a>
Cytogenetics:	17 C



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**Gene Summary:**

Inactive tyrosine kinase involved in Wnt signaling pathway. Component of both the non-canonical (also known as the Wnt/planar cell polarity signaling) and the canonical Wnt signaling pathway. Functions in cell adhesion, cell migration, cell polarity, proliferation, actin cytoskeleton reorganization and apoptosis. Has a role in embryogenesis, epithelial tissue organization and angiogenesis.[UniProtKB/Swiss-Prot Function]