

## Product datasheet for **RC229837L2V**

### **KCTD7 (NM\_001167961) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	KCTD7 (NM_001167961) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KCTD7
Synonyms:	CLN14; EPM3
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001167961
ORF Size:	864 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229837).
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_001167961.1</a> , <a href="#">NP_001161433.1</a>
RefSeq ORF:	867 bp
Locus ID:	154881
UniProt ID:	<a href="#">Q96MP8</a>
Cytogenetics:	7q11.21
Protein Families:	Ion Channels: Other
MW:	33.4 kDa



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**Gene Summary:**

This gene encodes a member of the potassium channel tetramerization domain-containing protein family. Family members are identified on a structural basis and contain an amino-terminal domain similar to the T1 domain present in the voltage-gated potassium channel. Mutations in this gene have been associated with progressive myoclonic epilepsy-3. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011]