

Product datasheet for **RC206070L3V**

KCTD17 (NM_024681) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KCTD17 (NM_024681) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KCTD17
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_024681
ORF Size:	870 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206070).
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_024681.2 , NP_078957.1
RefSeq Size:	1707 bp
RefSeq ORF:	873 bp
Locus ID:	79734
UniProt ID:	Q8N5Z5
Cytogenetics:	22q12.3
Protein Families:	Ion Channels: Other
MW:	32.5 kDa



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Gene Summary:

This gene encodes a protein that belongs to a conserved family of potassium channel tetramerization domain (KCTD)-containing proteins. The encoded protein functions in ciliogenesis by acting as a substrate adaptor for the cullin3-based ubiquitin-conjugating enzyme E3 ligase, and targets trichoplein, a keratin-binding protein, for degradation via polyubiquitylation. A mutation in this gene is associated with autosomal dominant myoclonic dystonia 26. [provided by RefSeq, Nov 2016]