

Product datasheet for **RC200180L3V**

KCTD5 (NM_018992) Human Tagged ORF Clone Lentiviral Particle

Product data:

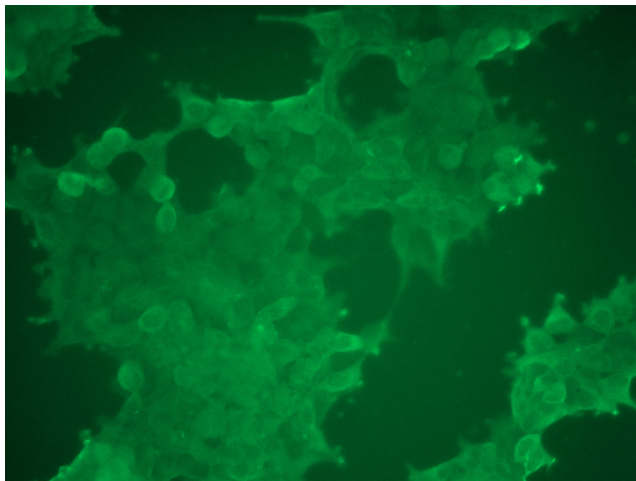
Product Type:	Lentiviral Particles
Product Name:	KCTD5 (NM_018992) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KCTD5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_018992
ORF Size:	702 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200180).
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_018992.1
RefSeq Size:	2479 bp
RefSeq ORF:	705 bp
Locus ID:	54442
UniProt ID:	Q9NXV2
Cytogenetics:	16p13.3
Domains:	BTB, K_tetra
Protein Families:	Ion Channels: Other
MW:	26.1 kDa



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Gene Summary:

Its interaction with CUL3 suggests that it may act as a substrate adapter in some E3 ligase complex (PubMed:18573101). Does not affect the function of Kv channel Kv2.1/KCNB1, Kv1.2/KCNA2, Kv4.2/KCND2 and Kv3.4/KCNC4 (PubMed:19361449).[UniProtKB/Swiss-Prot Function]

Product images:

[RC200180L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC200180L3V particle to overexpress human KCTD5-Myc-DDK fusion protein.