

## Product datasheet for **RC209287L2V**

### MEAK7 (TLDC1) (NM\_020947) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MEAK7 (TLDC1) (NM_020947) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MEAK7
Synonyms:	KIAA1609; mEAK-7; TLDC1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_020947
ORF Size:	1368 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209287).
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_020947.2</a>
RefSeq Size:	5031 bp
RefSeq ORF:	1371 bp
Locus ID:	57707
UniProt ID:	<a href="#">Q6P9B6</a>
Cytogenetics:	16q24.1
MW:	51 kDa


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**Gene Summary:**

Activates an alternative mTOR signaling through RPS6KB2 activation and EIF4EBP1 repression to regulate cell proliferation and migration (PubMed:29750193). Recruits MTOR at the lysosome, essential for MTOR signaling at the lysosome (PubMed:29750193).  
[UniProtKB/Swiss-Prot Function]