

Product datasheet for RC209287L1V

OriGene Technologies, Inc.

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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-Myc-DDK (PS100064)

Tag: Myc-DDK
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. 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: <u>NM 020947.2</u>

 RefSeq Size:
 5031 bp

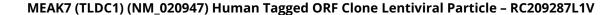
 RefSeq ORF:
 1371 bp

 Locus ID:
 57707

 UniProt ID:
 Q6P9B6

Cytogenetics: 16q24.1 MW: 51 kDa







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]