Product datasheet for RC211340L1V

TRIM50 (NM_178125) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TRIM50 (NM_178125) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TRIM50
Synonyms:	TRIM50A
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_178125
ORF Size:	1461 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211340).
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_178125.2, NP_835226.2
RefSeq Size:	2050 bp
RefSeq ORF:	1464 bp
Locus ID:	135892
UniProt ID:	Q86XT4
Cytogenetics:	7q11.23
Protein Families:	Druggable Genome
MW:	54.7 kDa

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Gene Summary: E3 ubiquitin-protein ligase that ubiquitinates Beclin-1/BECN1 in a 'Lys-63'-dependent manner enhancing its binding to ULK1. In turn, promotes starvation-induced autophagy activation. Interacts also with p62/SQSTM1 protein and thereby induces the formation and the autophagy clearance of aggresome-associated polyubiquitinated proteins through HDAC6 interaction.[UniProtKB/Swiss-Prot Function]