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Product datasheet for MR210415L3V

Trim3 (NM_018880) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Trim3 (NM_018880) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Trim3
Synonyms:	BERP1; HAC1; Rnf22
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_018880
ORF Size:	2232 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210415).
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_018880.3, NP_061368.1
RefSeq Size:	2866 bp
RefSeq ORF:	2235 bp
Locus ID:	55992
UniProt ID:	Q9R1R2
Cytogenetics:	7 E3

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Gene Summary: Probably involved in vesicular trafficking via its association with the CART complex. The CART complex is necessary for efficient transferrin receptor recycling but not for EGFR degradation (By similarity). Positively regulates motility of microtubule-dependent motor protein KIF21B (PubMed:24086586).[UniProtKB/Swiss-Prot Function]