

Product datasheet for **MR208694L3V**

Tbc1d17 (BC017607) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tbc1d17 (BC017607) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tbc1d17
Synonyms:	MGC27642
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	BC017607
ORF Size:	1638 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208694).
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:	BC017607.1
RefSeq Size:	2376 bp
RefSeq ORF:	1640 bp
Locus ID:	233204
Cytogenetics:	7 B3

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Gene Summary:

Probable GTPase-activating protein for Rab8; its transient association with Rab8 is mediated by OPTN. Inhibits Rab8-mediated endocytic trafficking, such as of transferrin receptor (TfR) and reduces Rab8 recruitment to tubules emanating from the endocytic recycling compartment (ERC). Involved in regulation of autophagy. Mediates inhibition of autophagy caused by the OPTN variant GLC1E LYS-50; the function requires its catalytic activity, however, the involved Rab is not known (By similarity).[UniProtKB/Swiss-Prot Function]