

Product datasheet for **MR211333L3V**

Vps54 (BC025012) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Vps54 (BC025012) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Vps54
Synonyms:	Vps54l, Hcc8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	BC025012
ORF Size:	2895 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211333).
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:	BC025012.2
RefSeq Size:	3405 bp
RefSeq ORF:	2897 bp
Locus ID:	245944
Cytogenetics:	11 13.89 cM



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Gene Summary:

Acts as component of the GARP complex that is involved in retrograde transport from early and late endosomes to the trans-Golgi network (TGN). The GARP complex is required for the maintenance of the cycling of mannose 6-phosphate receptors between the TGN and endosomes, this cycling is necessary for proper lysosomal sorting of acid hydrolases such as CTSD. Within the GARP complex, required to tether the complex to the TGN. Not involved in endocytic recycling.[UniProtKB/Swiss-Prot Function]