

Product datasheet for **MR225125L4V**

Vps50 (NM_001167751) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Vps50 (NM_001167751) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Vps50
Synonyms:	1700034M03Rik; 8430415E05Rik; BLM; C87205; Ccdc132; mKIAA1861
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001167751
ORF Size:	2814 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225125).
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_001167751.1 , NP_001161223.1
RefSeq Size:	3698 bp
RefSeq ORF:	2817 bp
Locus ID:	73288
UniProt ID:	Q8CI71
Cytogenetics:	6 A1



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Gene Summary:

Acts as component of the EARP complex that is involved in endocytic recycling. The EARP complex associates with Rab4-positive endosomes and promotes recycling of internalized transferrin receptor (TFRC) to the plasma membrane. Within the EARP complex, required to tether the complex to recycling endosomes. Not involved in retrograde transport from early and late endosomes to the trans-Golgi network (TGN).[UniProtKB/Swiss-Prot Function]