

Product datasheet for **MR203847L4V**

Vtcn1 (NM_178594) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Vtcn1 (NM_178594) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Vtcn1
Synonyms:	B7h4; B7s1; B7x; BC032925
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178594
ORF Size:	852 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203847).
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_178594.2 , NP_848709.1
RefSeq Size:	2622 bp
RefSeq ORF:	852 bp
Locus ID:	242122
UniProt ID:	Q7TSP5
Cytogenetics:	3 F2.2



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Gene Summary:

Negatively regulates T-cell-mediated immune response by inhibiting T-cell activation, proliferation, cytokine production and development of cytotoxicity. When expressed on the cell surface of tumor macrophages, plays an important role, together with regulatory T-cells (Treg), in the suppression of tumor-associated antigen-specific T-cell immunity. Involved in promoting epithelial cell transformation.[UniProtKB/Swiss-Prot Function]