

Product datasheet for MR203847L2V

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Vtcn1 (NM_178594) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Symbol: Vtcn1

Synonyms: B7h4; B7s1; B7x; BC032925

Mammalian Cell: None

Selection:

Vector: pLenti-C-mGFP (PS100071)

Tag: mGFP

ACCN: NM_178594

ORF Size: 849 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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This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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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]