

## Product datasheet for RC210360L1V

## OriGene Technologies, Inc.

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## B7H4 (VTCN1) (NM\_024626) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** B7H4 (VTCN1) (NM\_024626) Human Tagged ORF Clone Lentiviral Particle

Symbol: B7H4

**Synonyms:** B7-H4; B7h.5; B7H4; B7S1; B7X; PRO1291; VCTN1

Mammalian Cell

Selection:

None

**Vector:** pLenti-C-Myc-DDK (PS100064)

Tag: Myc-DDK
ACCN: NM 024626

ORF Size: 846 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC210360).

Sequence:

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.

**RefSeg:** NM 024626.1

 RefSeq Size:
 2652 bp

 RefSeq ORF:
 849 bp

 Locus ID:
 79679

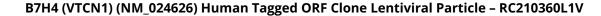
 UniProt ID:
 Q7Z7D3

Cytogenetics: 1p13.1-p12

**Protein Families:** Transmembrane

MW: 30.9 kDa







## **Gene Summary:**

This gene encodes a protein belonging to the B7 costimulatory protein family. Proteins in this family are present on the surface of antigen-presenting cells and interact with ligand bound to receptors on the surface of T cells. Studies have shown that high levels of the encoded protein has been correlated with tumor progression. A pseudogene of this gene is located on chromosome 20. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]