

## Product datasheet for **RC215064L3V**

### **B7H3 (CD276) (NM\_001024736) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	B7H3 (CD276) (NM_001024736) Human Tagged ORF Clone Lentiviral Particle
Symbol:	B7H3
Synonyms:	4lg-B7-H3; B7-H3; B7H3; B7RP-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001024736
ORF Size:	1602 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215064).
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. <a href="#">More info</a>
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:	<a href="#">NM_001024736.1</a>
RefSeq Size:	3419 bp
RefSeq ORF:	1605 bp
Locus ID:	80381
UniProt ID:	<a href="#">Q5ZPR3</a>
Cytogenetics:	15q24.1
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs)

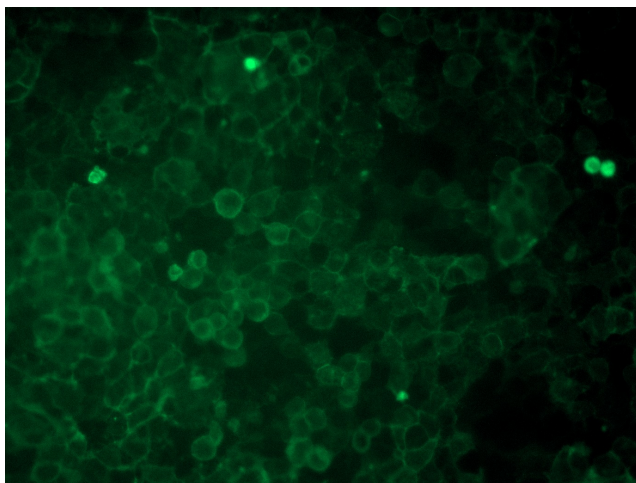


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MW: 57.1 kDa

**Gene Summary:** The protein encoded by this gene belongs to the immunoglobulin superfamily, and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in normal tissues and solid tumors, the protein is preferentially expressed only in tumor tissues. Additionally, it was observed that the 3' UTR of this transcript contains a target site for miR29 microRNA, and there is an inverse correlation between the expression of this protein and miR29 levels, suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

### Product images:



[RC215064L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC215064L3V particle to overexpress human CD276-Myc-DDK fusion protein.