

Product datasheet for RC215291L3V

OriGene Technologies, Inc.

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B7H3 (CD276) (NM_025240) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: B7H3 (CD276) (NM_025240) 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 025240

ORF Size: 948 bp

ORF Nucleotide

OTI Disclaimer:

The ORF insert of this clone is exactly the same as(RC215291).

Sequence:

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.

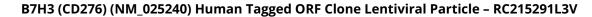
RefSeg: NM 025240.2, NP 079516.1

RefSeq Size: 2765 bp
RefSeq ORF: 951 bp
Locus ID: 80381
UniProt ID: Q5ZPR3
Cytogenetics: 15q24.1

Domains: ig, IGc2, IG

Protein Families: Druggable Genome, Transmembrane







Protein Pathways: Cell adhesion molecules (CAMs)

MW: 33.6 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]