Product datasheet for RC210360L4V

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:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024626
ORF Size:	846 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210360).
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_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

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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]