

Specifications:

Gene:	hB7-H4
Accession:	NP_078902
Insert size:	862bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

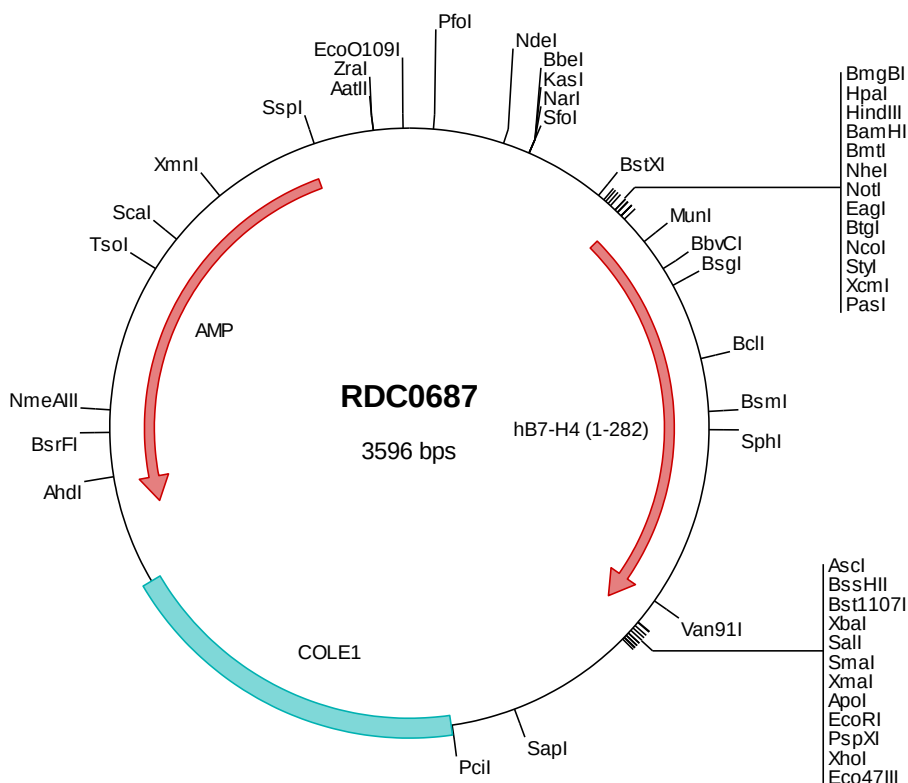
hB7-H4 cDNA Plasmid

VTCN1 V-set domain containing
T cell activation inhibitor 1
[*Homo sapiens* (human)]

Also known as: B7X; B7H4; B7S1;
B7-H4; B7h.5; VCTN1; PRO1291

Summary:

B7-H4 belongs to the B7 costimulatory protein family. It negatively regulates T-cell-mediated immune response by inhibiting T-cell activation, proliferation, cytokine production and development of cytotoxicity. High levels of B7-H4 expression have been correlated with tumor progression. It may serve as a predictive marker for renal cell carcinoma. Multiple transcript variants encoding different isoforms have been found.





> RDC0687 Plasmid DNA Sequence

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> RDC0687 Translated Insert Sequence

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```