

Specifications:

Gene:	hTNFRSF14
Accession:	NP_003811
Insert size:	865bp
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.

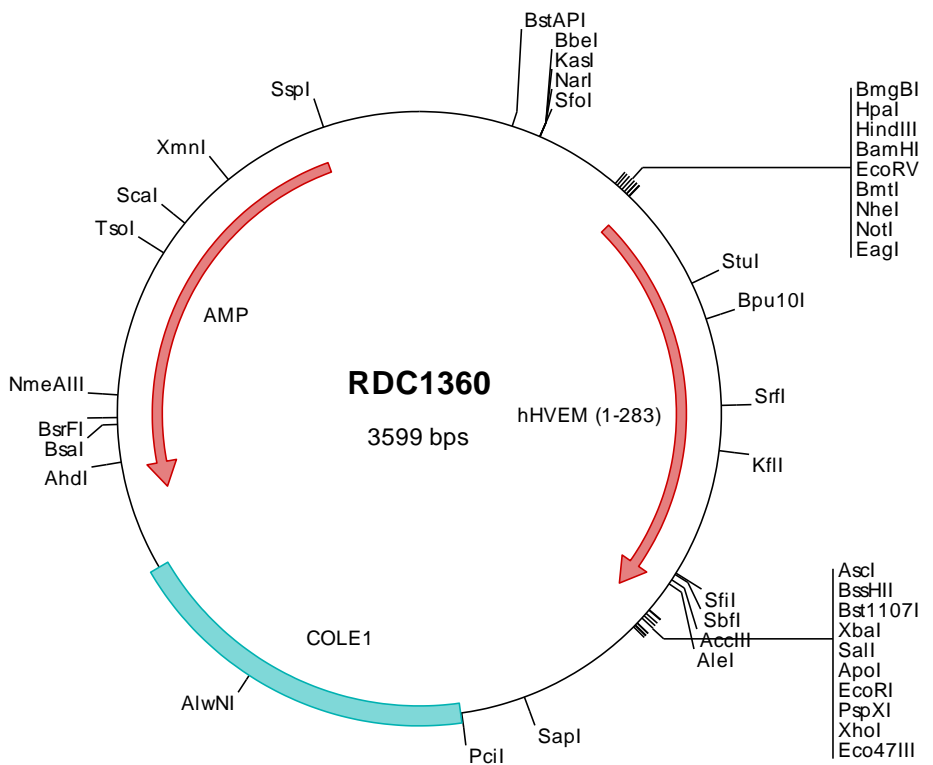
**hHVEM/TNFRSF14
cDNA Plasmid**

TNFRSF14 tumor necrosis factor receptor superfamily, member 14 [*Homo sapiens* (human)]

Also known as: TR2; ATAR; HVEA; HVEM; CD270; LIGHTR

Summary:

HVEM is a member of the TNF receptor superfamily. It functions in signal transduction pathways that activate inflammatory and inhibitory T-cell immune response. HVEM expression has been detected in peripheral blood T cells, B cells, monocytes and in various tissues enriched in lymphoid cells. The extracellular domain of HVEM has been shown to interact directly with the herpes simplex virus envelope glycoprotein D. Two TNF superfamily ligands, including secreted TNF β and the membrane protein LIGHT, have been shown to be the cellular ligands for HVEM. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1360 Plasmid DNA Sequence

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1   tcgcgcgctt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacgggtc  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC1360 Translated Insert Sequence

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