

**Specifications:**

Gene:	<i>hHLA-E</i>
Accession:	NP_005507.3
Insert size:	1090bp
Concentration:	10µg at 0.2µg/µL

**hHLA-E cDNA Plasmid**

**HLA-E major histocompatibility complex, class I, E [ *Homo sapiens* (human) ]**

**Also known as:** QA1; HLA-6.2

**Summary:**

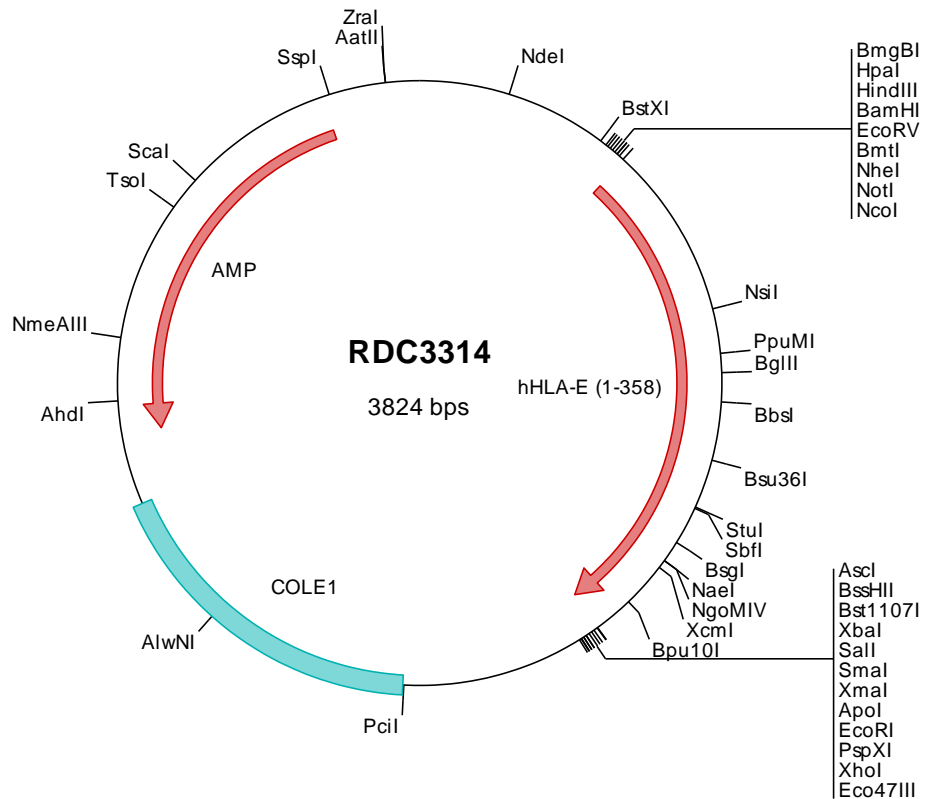
HLA-E belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. HLA-E binds a restricted subset of peptides derived from the leader peptides of other class I molecules.

**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.



> RDC3314 Plasmid DNA Sequence

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> RDC3314 Translated Insert Sequence

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