

**Specifications:**

Gene:	hCRTAM
Accession:	NP_062550
Insert size:	1195bp
Concentration:	10µg at 0.2µg/µL

**hCRTAM cDNA  
Plasmid**

**CRTAM cytotoxic and regulatory  
T-cell molecule [ *Homo sapiens*  
(human) ]**

**Also known as:** CD355

**Summary:**

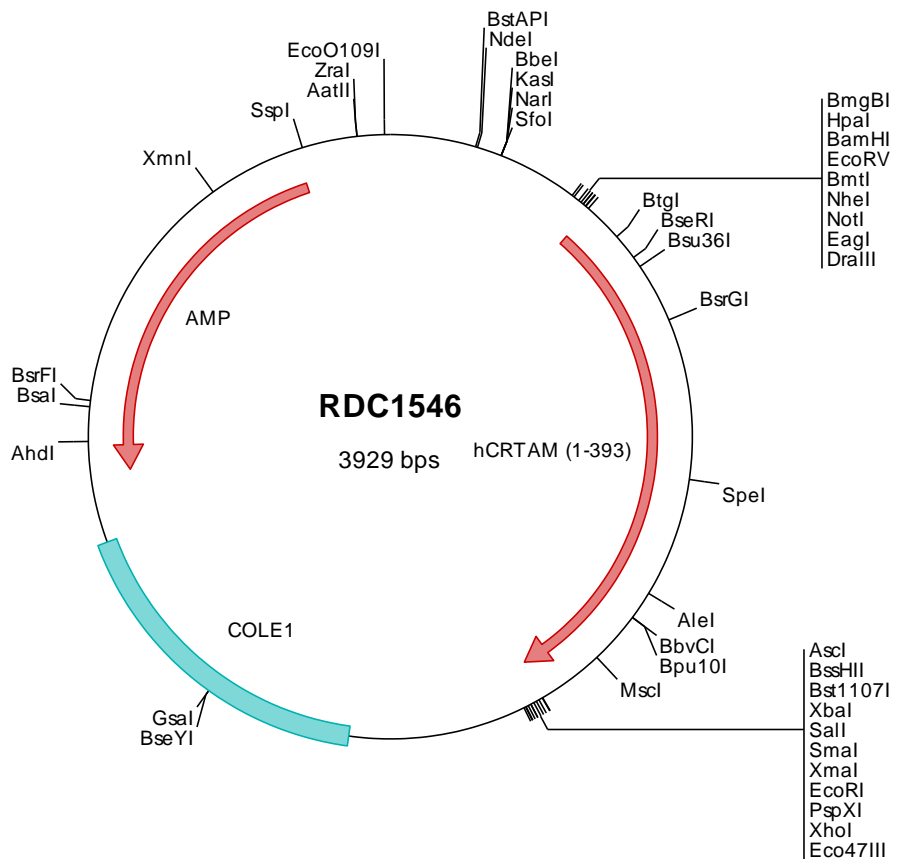
CRTAM is a nectin family member of the immunoglobulin superfamily that is expressed by activated CD8<sup>+</sup> and NK T cells. CRTAM is found in spleen, thymus, small intestine, peripheral blood, and surprisingly, in brain where it is highly expressed by Purkinje cells of the cerebellum. The V-type Ig-like domain mediates interaction with the corresponding domain on another nectin family member, IGSF4. The high affinity of CRTAM/IGSF4 adhesion allows CRTAM to disrupt IGSF4 homotypic interactions.

**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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1546 Plasmid DNA Sequence

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> RDC1546 Translated Insert Sequence

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