

**Specifications:**

Gene:	mCd8a
Accession:	NP_001074579
Insert size:	757bp
Concentration:	10µg at 0.2µg/µL

**mCD8α cDNA Plasmid**

**Cd8a CD8 antigen, alpha chain**  
[ *Mus musculus* (house mouse) ]

**Also known as:** Ly-2; Ly-B; Ly-35;  
Lyt-2; BB154331

**Summary:**

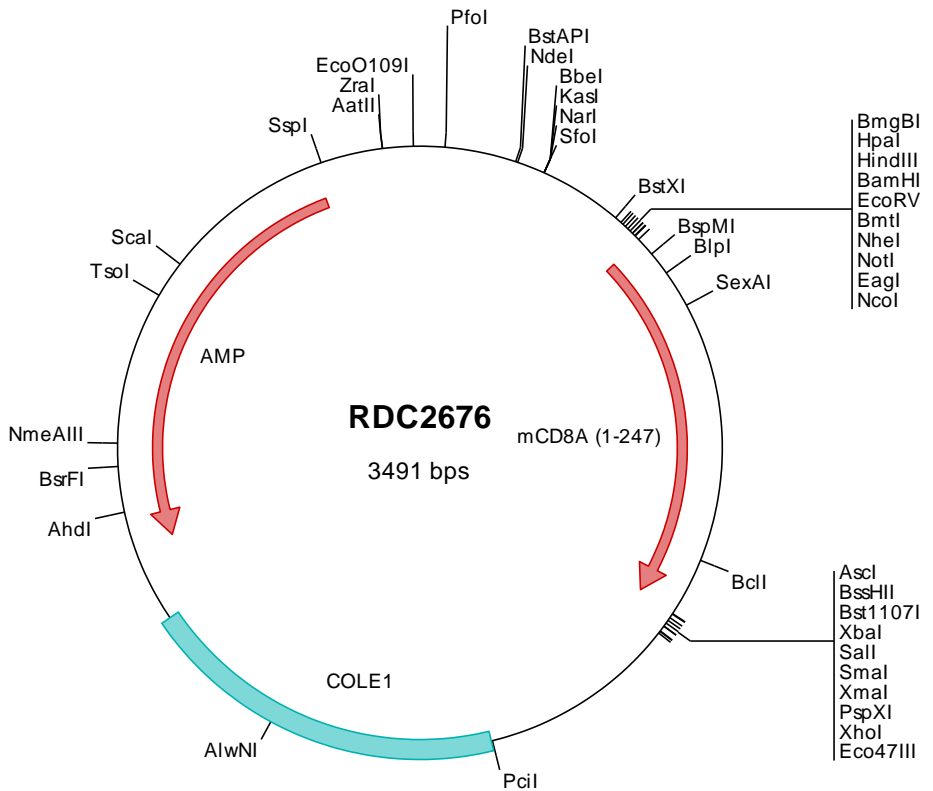
CD8 is a heterodimeric glycoprotein consisting of an alpha and beta chain. CD8A is the CD8 alpha chain. It is expressed on cytolytic T cells and functions in conjunction with the T cell receptor in the recognition of MHC/peptide complexes.

**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

> RDC2676 Plasmid DNA Sequence

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1   tcgctgcttt  cggatgatgac  ggtgaaaacc  totgacacat  gcagctcccc  gagacgggtca  cagcttgtct  gtaagcggat  gccggggagca  gacaagcccc
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> RDC2676 Translated Insert Sequence

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