

Specifications:

Gene:	mCd160
Accession:	NP_001156968
Insert size:	571bp
Concentration:	10µg at 0.2µg/µL

**mCD160 cDNA
Plasmid**

Cd160 CD160 antigen [*Mus musculus* (house mouse)]

Also known as: By55; AU045688

Summary:

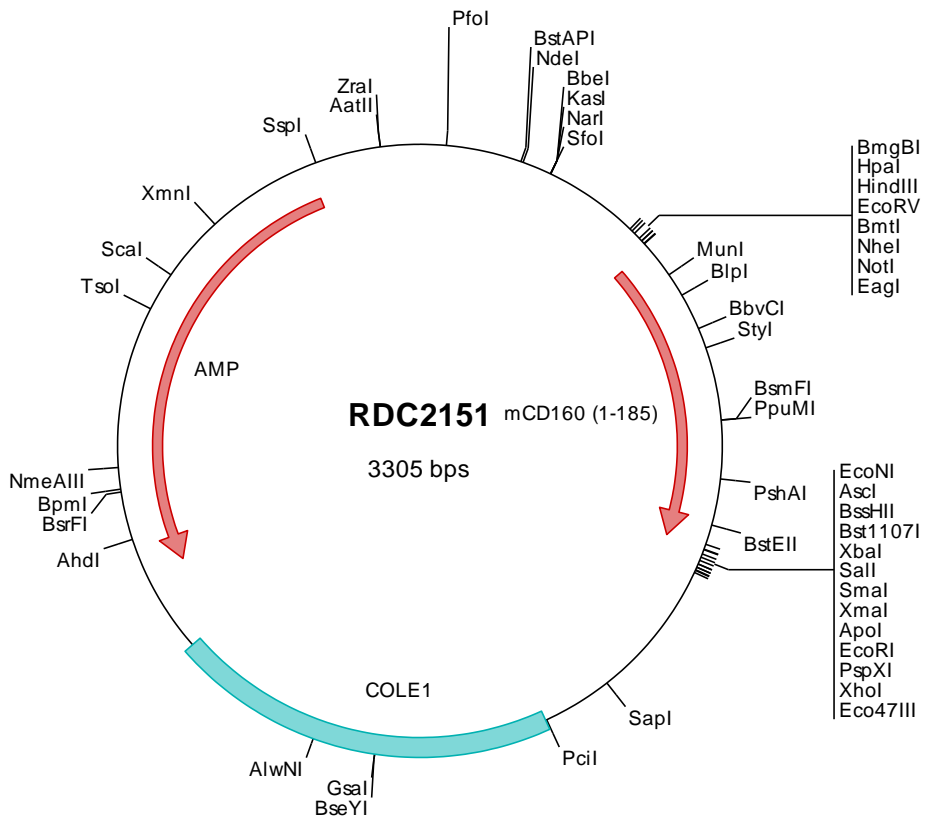
CD160 is a member of the immunoglobulin superfamily. It is expressed on select hematopoietic cell types, including CD56^{dim} CD16⁺ cytotoxic NK cells, CD8⁺ CD28⁻ effector T cells, δ/ gamma T cells, and restricted CD4⁺ T cells. It is a receptor for HLA-C molecules, and its engagement induces CD160⁺ NK cells to both secrete IFN-gamma plus TNF-alpha and initiate a cytotoxic program.

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.



> RDC2151 Plasmid DNA Sequence

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1   tcgctgctgtt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacgggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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3301 tcgtc

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> RDC2151 Translated Insert Sequence

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