

Specifications:

Gene:	<i>mLyg1</i>
Accession:	NP_081387
Insert size:	607bp
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.

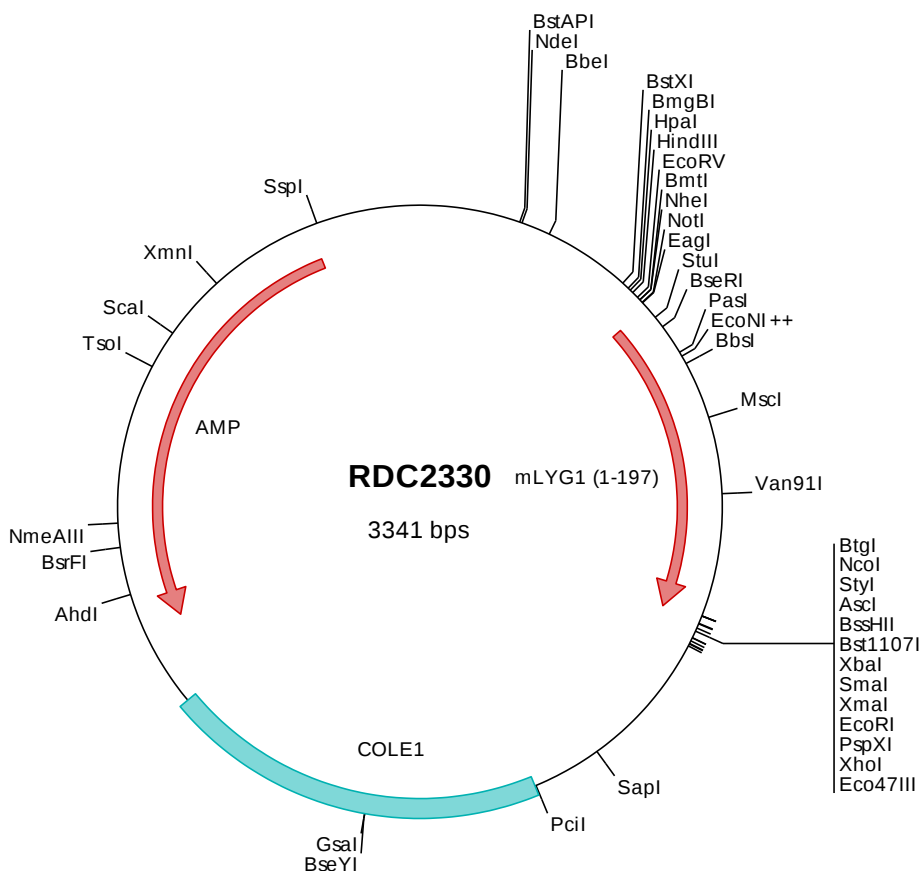
mLYG1 cDNA Plasmid

Lyg1 lysozyme G-like 1 [*Mus musculus* (house mouse)]

Also known as: 2300002O18Rik

Summary:

LYG1 belongs to the glycosyl hydrolase 23 family. Glycoside hydrolases are a widespread group of enzymes that hydrolyze the glycosidic bond between two or more carbohydrates, or between a carbohydrate and a non-carbohydrate moiety. LYG1 can significantly suppress the growth of B16 tumors in WT B6 mice.



> RDC2330 Plasmid DNA Sequence

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1   tcgcgcgctt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacgggtc  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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> RDC2330 Translated Insert Sequence

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