

Specifications:

Gene:	mGzmb
Accession:	NP_038570
Insert size:	757bp
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.

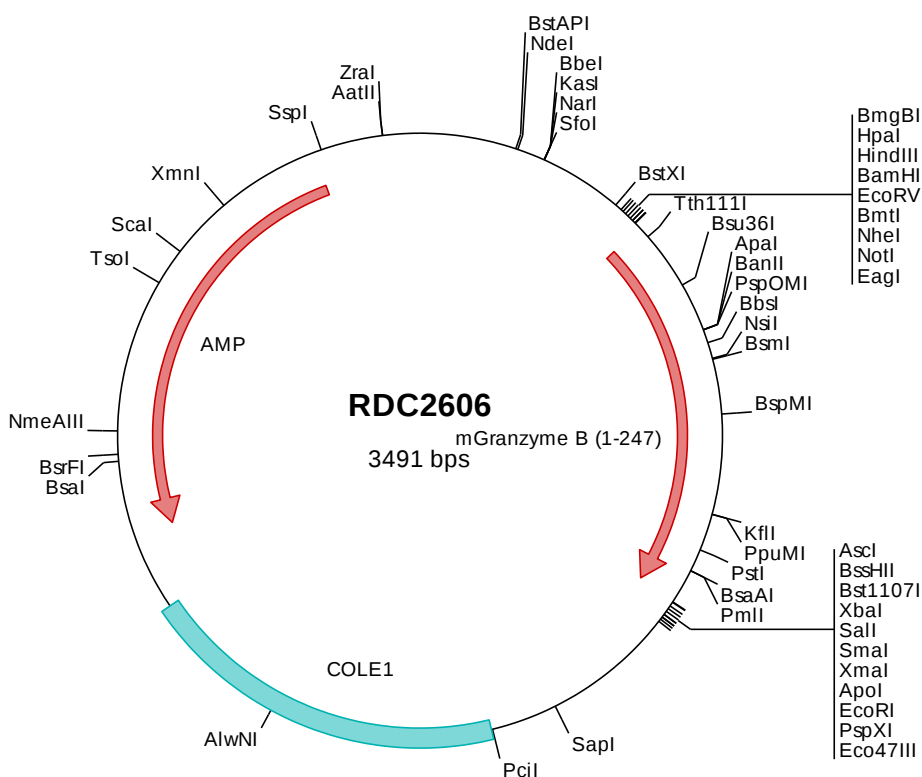
mGranzyme B cDNA Plasmid

Gzmb granzyme B [*Mus musculus* (house mouse)]

Also known as: GZB; CCP1; Ctla1; Ctla-1; AI553453; CCP-1/C11

Summary:

Granzyme B is a member of the granzyme subfamily of proteins, part of the peptidase S1 family of serine proteases. It is secreted by natural killer (NK) cells and cytotoxic T lymphocytes (CTLs) and proteolytically processed to generate the active protease, which induces target cell apoptosis. Granzyme B also processes cytokines and degrades extracellular matrix proteins, and these roles are implicated in chronic inflammation and wound healing. Mice lacking a functional copy of Granzyme B exhibit impaired immune cell-mediated cytotoxicity.



> RDC2606 Plasmid DNA Sequence

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> RDC2606 Translated Insert Sequence

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