

Specifications:

Gene:	mErfe
Accession:	NP_775571
Insert size:	1036bp
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.

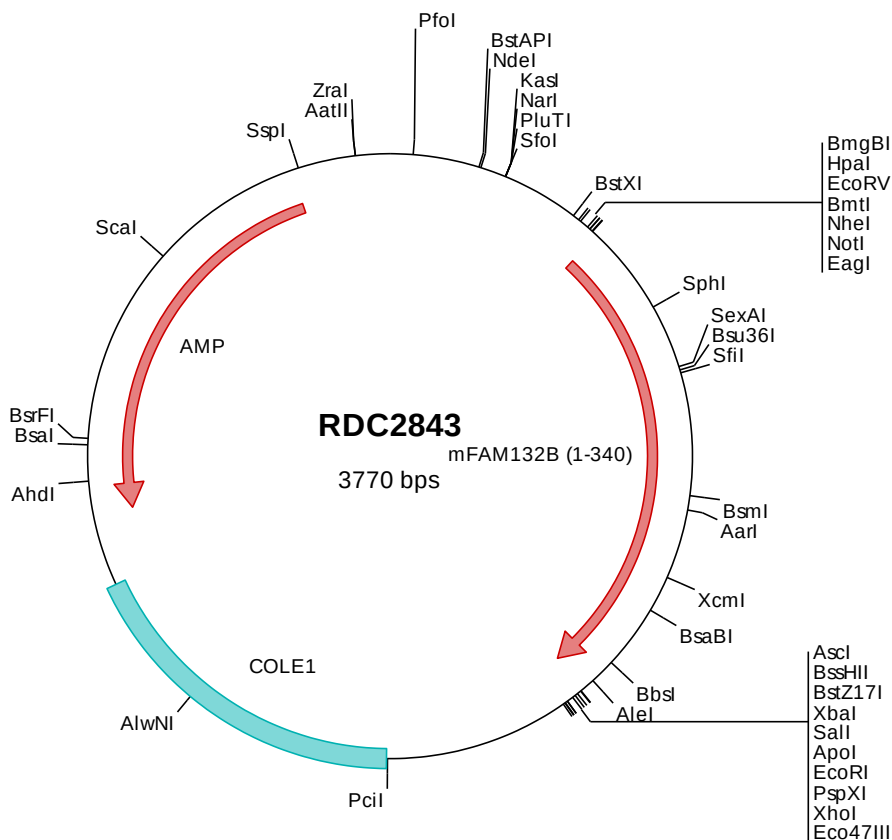
mErythroferrone cDNA Plasmid

Erfe erythroferrone [*Mus musculus* (house mouse)]

Also known as: Fam132b;
myonectin; 4832406C22

Summary:

Erythroferrone/FAM132B is an iron-regulatory hormone that acts as an erythroid regulator after hemorrhage. It is produced by erythroblasts following blood loss and mediates suppression of hepcidin (HAMP) expression in the liver, thereby promoting increased iron absorption and mobilization from stores. It is also known to promote lipid uptake into adipocytes and hepatocytes via transcriptional up-regulation of genes involved in fatty acid uptake.



> RDC2843 Plasmid DNA Sequence

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> RDC2843 Translated Insert Sequence

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