

Specifications:

Gene:	mFgfr1
Accession:	NP_001073377
Insert size:	2476bp
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.

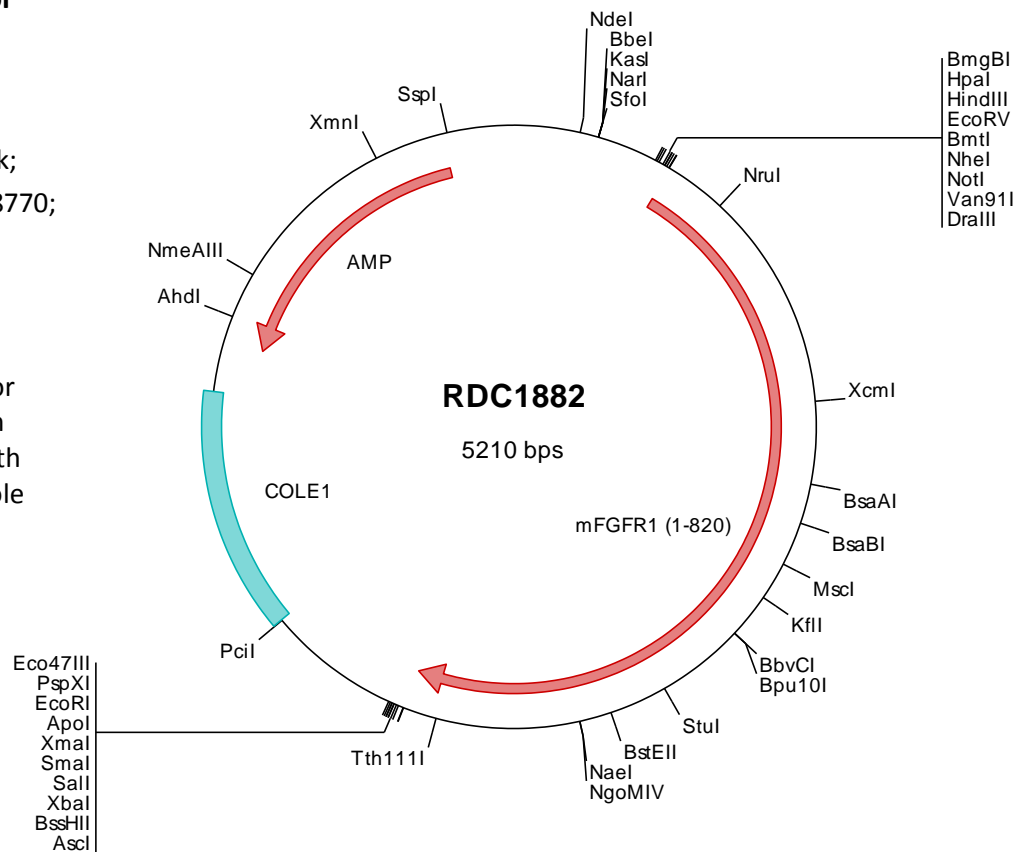
**mFGFR1 cDNA
Plasmid**

Fgfr1 fibroblast growth factor receptor 1 [*Mus musculus* (house mouse)]

Also known as: FLG; MFR; Eask; Hspy; Flt-2; c-fgr; Fgfr-1; AW208770; bFGF-R-1

Summary:

FGFR1 is a member of the fibroblast growth factor receptor (FGFR) family. FGFR1 binds both acidic and basic fibroblast growth factors and plays an essential role in the regulation of embryonic development, cell proliferation, differentiation, and migration. Mutations in FGFR1 have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome, Antley-Bixler syndrome, osteoglophonic dysplasia, and autosomal dominant Kallmann syndrome 2. Alternatively spliced transcripts encoding different protein have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1882 Plasmid DNA Sequence

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1 tcgcgcgctt cggatgatgac ggtgaaaacc totgacacat gcagctcccg gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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> RDC1882 Translated Insert Sequence

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