

Specifications:

Gene:	mFgfr2
Accession:	ABL89201
Insert size:	2476bp
Concentration:	10µg at 0.2µg/µL

**mFGFR2 alpha cDNA
Plasmid**

Fgfr2 fibroblast growth factor receptor 2 [*Mus musculus* (house mouse)]

Also known as: Bek; sv5; KGFR; Fgfr7; Fgfr-2; Fgfr-7; KGFRTr; AU043015; AW556123

Summary:

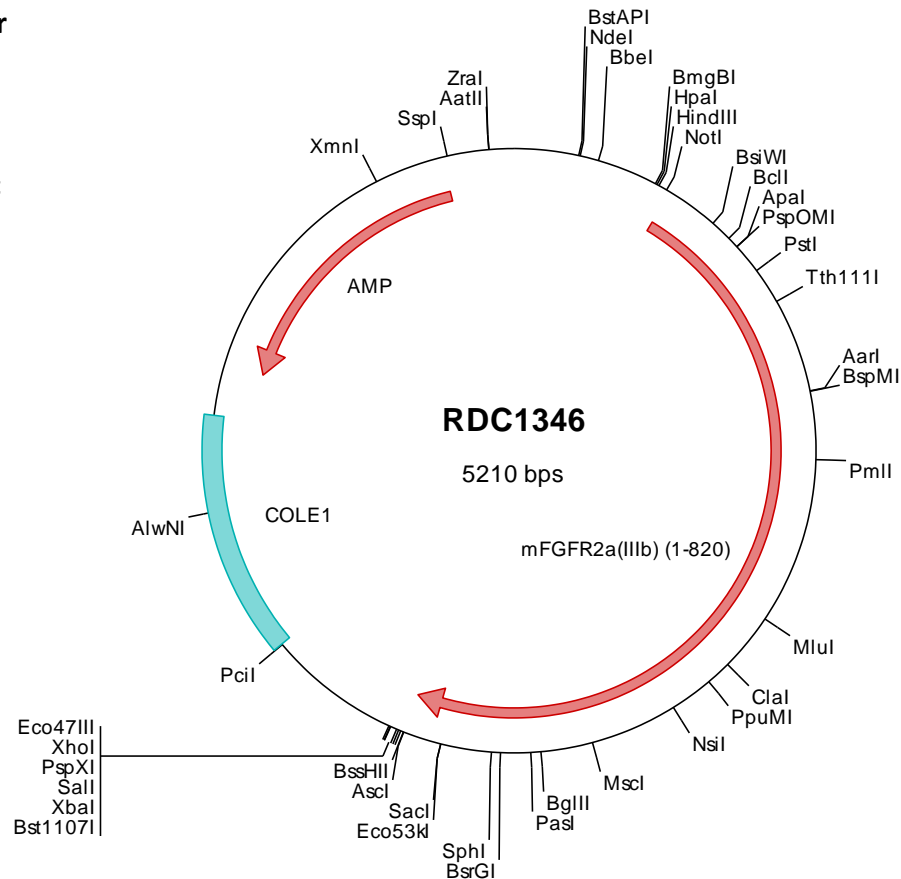
FGFR2 is a member of the fibroblast growth factor receptor family. The extracellular portion of FGFR family members interact with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. FGFR2 is a high-affinity receptor for acidic, basic and/or keratinocyte growth factor, depending on the isoform. Mutations in FGFR2 are associated with Crouzon syndrome, Pfeiffer syndrome, Craniosynostosis, and Apert syndrome. This isoform is known as FGFR2 alpha (IIIb).

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1346 Plasmid DNA Sequence

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> RDC1346 Translated Insert Sequence

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