

Specifications:

Gene:	hFGFR4
Accession:	NP_002002
Insert size:	2422bp
Concentration:	10µg at 0.2µg/µL

hFGFR4 cDNA Plasmid

FGFR4 fibroblast growth factor receptor 4 [*Homo sapiens*]

Also known as: TKF; JTK2; CD334

Summary:

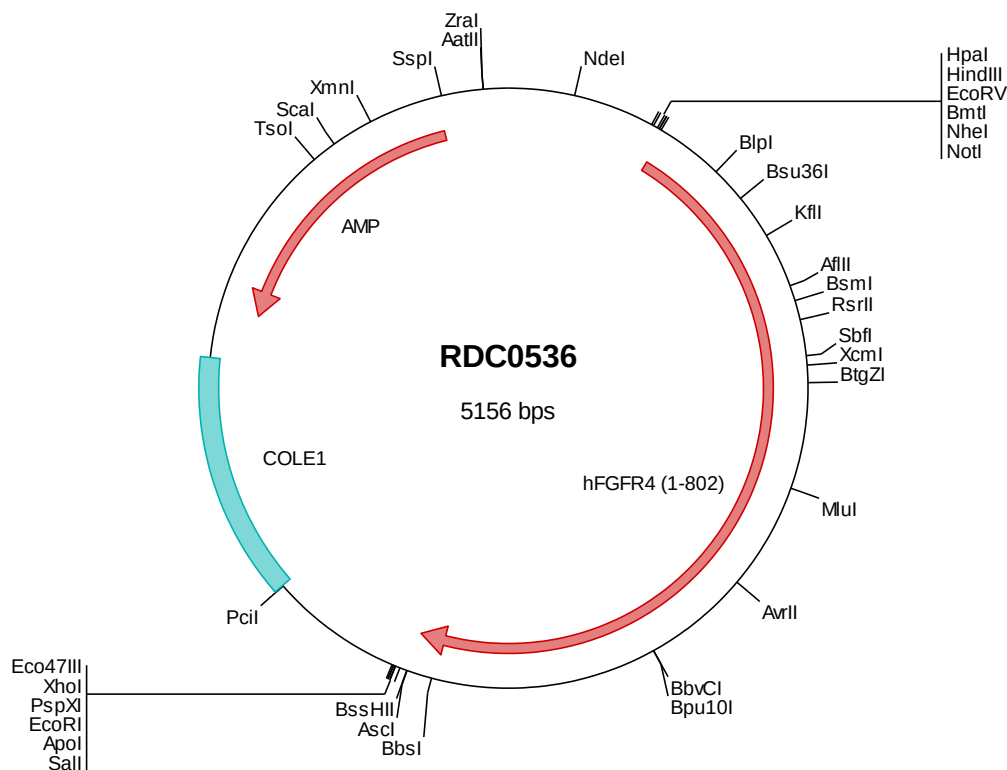
FGFR4 is a tyrosine-protein kinase that acts as a cell-surface receptor for fibroblast growth factors. It plays a role in the regulation of cell proliferation, differentiation and migration, and in regulation of lipid metabolism, bile acid biosynthesis, glucose uptake, vitamin D metabolism and phosphate homeostasis. FGFR4 preferentially binds acidic fibroblast growth factor. It is overexpressed in gynecological tumor samples, suggesting a role in breast and ovarian tumorigenesis.

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.





> RDC0536 Plasmid DNA Sequence

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> RDC0536 Translated Insert Sequence

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