

Specifications:

Gene:	<i>hFGF10</i>
Accession:	NP_004456
Insert size:	640bp
Concentration:	10µg at 0.2µg/µL

**hFGF-10 cDNA
Plasmid**

**FGF10 fibroblast growth factor
10 [*Homo sapiens* (human)]**

Summary:

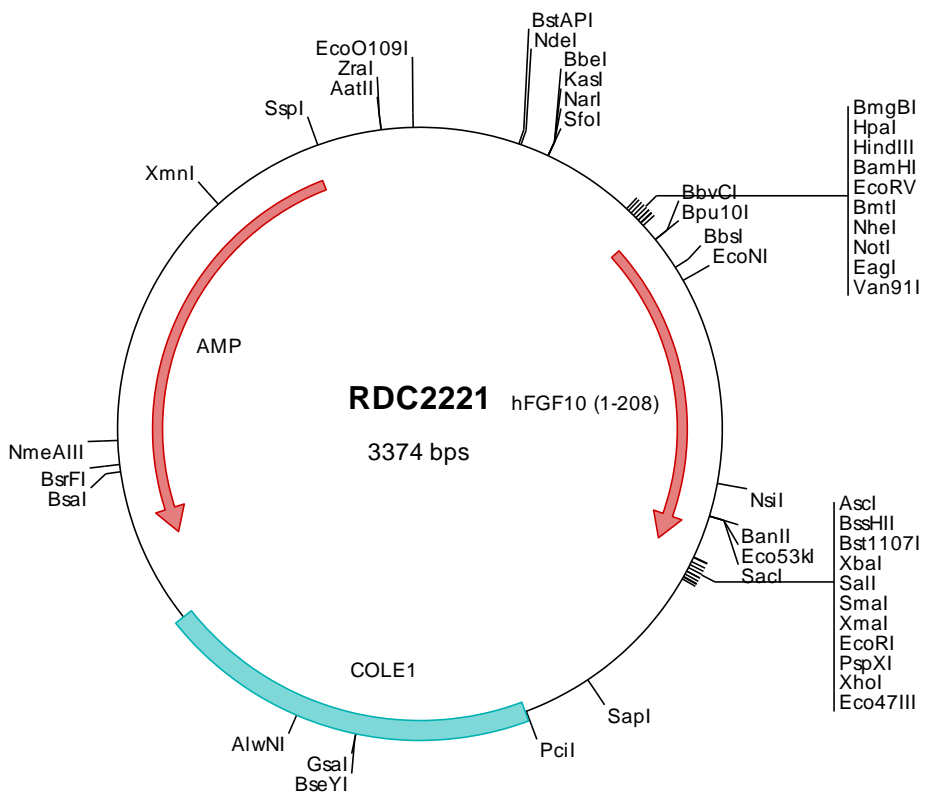
FGF10 is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF10 exhibits mitogenic activity for keratinizing epidermal cells, but essentially no activity for fibroblasts, which is similar to the biological activity of FGF7.

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.



> RDC2221 Plasmid DNA Sequence

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1   tcgcgcgcttt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacgggtc  cagcttgtct  gtaagcggat  gccggggagca  gacaagcccc
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3201  gcatttatca  gggttattgt  ctcatgagcg  gatacatatt  tgaatgtatt  tagaaaaata  aacaaaatagg  ggttccgcgc  acatttcccc  gaaaagtgcc
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> RDC2221 Translated Insert Sequence

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101  tkkencypsi  leitsveigv  vavkainsny  ylamnkkgkl  ygskefnndc  klkerieeng  yntyasfnwq  hngrqmyval  ngkgaprrgq  ktrrkntsah
201  flpmvvhsh

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