

### Specifications:

Gene:	hFGFR1
Accession:	AAH18128
Insert size:	2476bp
Concentration:	10µg at 0.2µg/µL

## hFGFR1 cDNA Plasmid

**FGFR1 fibroblast growth factor receptor 1 [ *Homo sapiens* ]**

**Also known as:** CEK; FLG; HH2; OGD; FLT2; KAL2; BFGFR; CD331; FGFR; FLT-2; HBGR; N-SAM; FGFR-1; bFGF-R-1

### Summary:

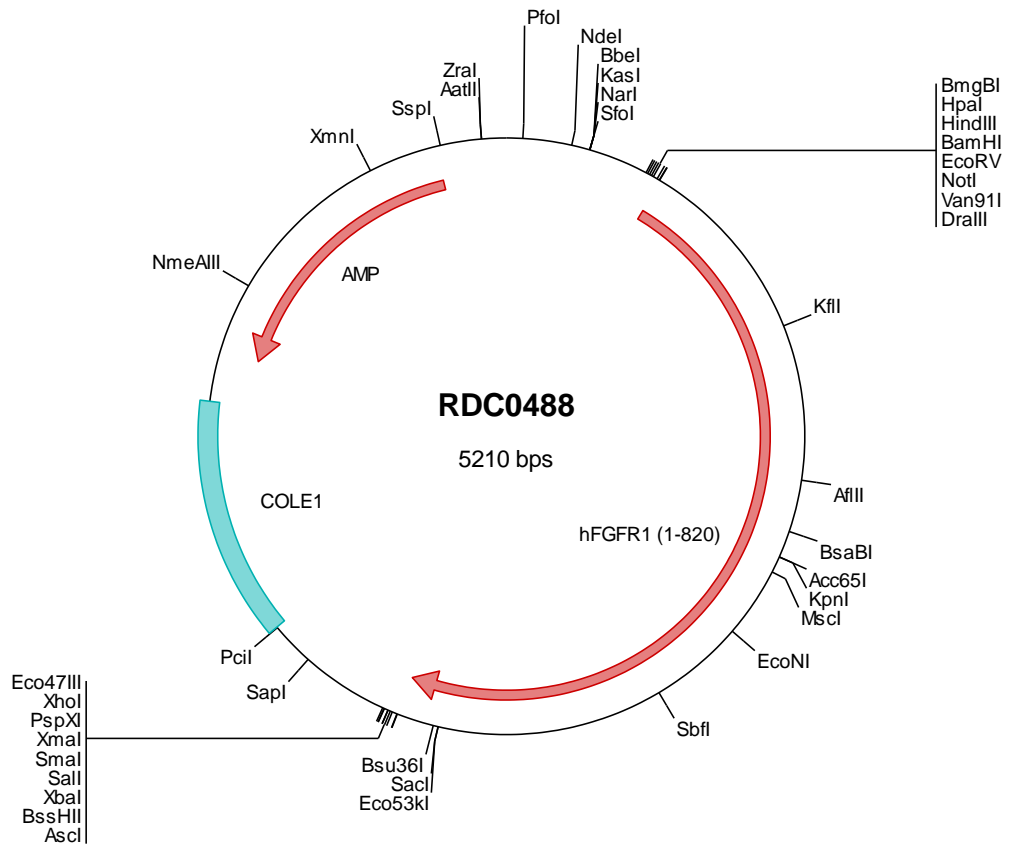
FGFR1 is a member of the fibroblast growth factor receptor (FGFR) family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. FGFR1 binds both acidic and basic fibroblast growth factors and is involved in limb induction. 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 variants which encode different protein isoforms have been described.

### 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



## > RDC0488 Plasmid DNA Sequence

```
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201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attgcattc cagcgtcgcc aactgttggg aagggcgatc ggtcggggcc tcttcgctat
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## > RDC0488 Translated Insert Sequence

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