

## Product datasheet for **SC211347**

### **FGFR1 (NM\_023107) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	FGFR1 (NM_023107) Human 3' UTR Clone
Symbol:	FGFR1
Synonyms:	BFGFR; CD331; CEK; FGFBR; FLG; FLJ99988; FLT2; HBGFR; KAL2; N-SAM; OGD
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_023107
Insert Size:	986 bp
Insert Sequence:	<p>&gt;SC211347 3'UTR clone of NM_023107</p> <p>The sequence shown below is from the reference sequence of NM_023107. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
GCTGCAGGGATGGGTGGTCTGTCTGTATAAGCTTTGAGAGCAACGTCACCTGGGGCTTTGGGGTCAG
CTACACAAGGAAGGCATTTGGACCCCTGCCTTTTCATTGCCCGAAACCAGAGCCTTTCCACCAAGCGTT
TCCAGTCTTAGCCCTGTGCTCCTGAGTTACGTACGATCTTCTGGCAAATGGGGTGCATGATAAGAGCA
TCTCTTACGAAGAGTTGGAAAAACAAATGCCATATATAAATTCTAAGCCATATGAGGACGAGGAGTAAT
GGCATTTTCTTCTTTTCTCTCACTCCAGACATTCATTGTCCCTGAATGCTCCATTAATCCAGGGA
AGGTAATTGCCTAAATCTCCAGTGGATCTCGCAACAGGAAGGAACAGAGCTGGGAAAGTTGTTTACC
TCTTTGTCCCAGAGTTAGACCTCATCTCCCTAGCTTAGCTGTCTCAGAGATATACTGGCCCTCCCTT
CTCTTCTCTTTGCTGCTGGTGCTAAACTGCTCTGTAGGTCATTGGCCACTGTCTCCACTCACAACCCC
TGCTCCAGTCTTGAGGGAGTGGGTAAACACAAATAGAACATTCATTTGAAGCAGTGATTCTTTTTT
TTTTTTTTTTTTTAAATCAAATGCTTTGGACTTTGAAGTCCACTTGTTCTGTACTTGTAAGGGAA
AGAAGGCCGGGCGCAGTGGCTCACGCCTGTAATCCCAGCACTTTAGATCACTTGAGGTGAGGAGTTTGA
GACCAGCCCGGCAACATGGTGAAACCCCATCTCTACTAAAAATACAAAAATTAGCTGTGCATAGTGGT
TGGCACCTGTAGTCCCAGCTACTCAGGAGGCTGAGGCAAGCTAACTGCTTGAACCCAGAAGGCAGAGGT
TGCAGTGAGCTGAGATCACGCCACTGCACTCCAGCCTGGGTGACAGAGTGAGTGAGACTCTGCGTTAAA
AAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<u><a href="#">NM_023107.2</a></u>
<b>Summary:</b>	The protein encoded by this gene 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. A full-length representative protein consists of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. This particular family member binds both acidic and basic fibroblast growth factors and is involved in limb induction. Mutations in this gene have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome, Antley-Bixler syndrome, osteoglophonic dysplasia, and autosomal dominant Kallmann syndrome 2. Chromosomal aberrations involving this gene are associated with stem cell myeloproliferative disorder and stem cell leukemia lymphoma syndrome. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	2260
<b>MW:</b>	36.7