

Product datasheet for **SC215355**

FGFRL1 (NM_021923) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	FGFRL1 (NM_021923) Human 3' UTR Clone
Symbol:	FGFRL1
Synonyms:	FGFR-5; FGFR5; FHFR
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_021923
Insert Size:	1598 bp



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Insert Sequence: >SC215355 3'UTR clone of NM_021923
The sequence shown below is from the reference sequence of NM_021923. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTCCACCAGCACATCCACTATCAGTGCACGACCGTATCTGCAGTGGGCACGGGGGGCGGCCA
GACAGGCAGACTGGGAGGATGGAGGACGGAGCTGCAGACGAAGGCAGGGGACCCATGGCGAGGAGGAAT
GGCCAGCACCCAGGCAGTCTGTGTGTGAGGCATAGCCCTGGACACACACACAGACACACACTG
CCTGGATGCATGTATGCACACATGCGCGCACACGTGCTCCCTGAAGGCACACGTACGCACACACGCA
CATGCACAGATATGCCGCTGGGCACACAGATAAGCTGCCAAATGCACGCACACGCACAGACATGC
CAGAACATACAAGGACATGCTGCCTGAACATACACACGCACACCCATGCGCAGATGTGCTGCCTGGACA
CACACACACACAGGATATGCTGTCTGGACGCACACACGTGCAGATATGGTATCCGGACACACACGTGC
ACAGATATGCTGCCTGGACACACAGATAATGCTGCCTTGACACACACATGCACGATATTGCTGCCTGGACA
CACACACACACAGTGTGCACAGATATGCTGTCTGGACACGCACACACATGCAGATATGCTGCCTGGAC
ACACACTTCCAGACACACGTGCACAGGCGCAGATATGCTGCCTGGACACACGCAGATATGCTGTCTAGT
CACACACACACGCAGACATGCTGTCCGGACACACACACGCATGCACAGATATGCTGTCCGGACACACAC
ACGCACGCAGATATGCTGCCTGGACACACACAGATAATGCTGCCTCAACACTCACACACGTGCAGAT
ATTGCCTGGACACACACATGTGCACAGATATGCTGTCTGGACATGCACACACGTGCAGATATGCTGTCC
GGATACACACGCACGCACACATGCAGATATGCTGCCTGGGCACACACTTCCGGACACACATGCACACAC
AGGTGCAGATATGCTGCCTGGACACACGCAGACTGACGTGCTTTTGGGAGGGTGTGCCGTGAAGCCTGC
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GCCCGCCTCTGTCCCGCCTCAGTCCCGCCTCCATCCCGCCTCTGTCCCTGGCCTTGGCGGCTATT
TTTGCCACCTGCCTTGGGTGCCAGGAGTCCCCTACTGCTGTGGGCTGGGGTTGGGGGCACAGAGCCC
CAAGCCTGAGAGGCTGGAGCCCATGGCTAGTGGCTCATCCCCACTGCATTCTCCCCCTGACACAGAGAA
GGGGCCTTGGTATTTATATTTAAGAAATGAAGATAATTAATAATGATGGAAGGAAGACTGGGTGCA
GGGACTGTGGTCTCTCTGGGGCCCGGGACCCGCCTGGTCTTTCAGCCATGCTGATGACCACACCCCGT
CCAGGCCAGACACACCCCACTGCTGCTGGTGGCCCGAGATCTCTGTAATTTTATGTAGAGTT
TGAGCTGAAGCCCGTATATTTAATTTATTTGTTAAACATGAAAGTGCATCCTTCCCTCCAAAAA
AAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: 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).

Components: 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.

RefSeq: NM_021923.3

Summary:

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 would consist 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. A marked difference between this gene product and the other family members is its lack of a cytoplasmic tyrosine kinase domain. The result is a transmembrane receptor that could interact with other family members and potentially inhibit signaling. Multiple alternatively spliced transcript variants encoding the same isoform have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID:

53834

MW:

59.8