

Product datasheet for **SC215710**

FGFR3 (NM_001163213) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	FGFR3 (NM_001163213) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	FGFR3
Synonyms:	ACH; CD333; CEK2; HSGFR3EX; JTK4
ACCN:	NM_001163213
Insert Size:	1635 bp



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Insert Sequence: >SC215710 3'UTR clone of NM_001163213
 The sequence shown below is from the reference sequence of NM_001163213. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGGATCGCC
CCACCCAGCAGTGGGGGCTCGCGGACGTGAAGGGCCACTGGTCCCAACAATGTGAGGGGTCCCTAGCA
GCCACCCTGCTGCTGGTGCACAGCCAAGCTCCCGGCATGAGACTCAGTGCAGATGGAGAGACAGCTACA
CAGAGCTTTGGTCTGTGTGTGTGTGTGCGTGTGTGTGTGTGTGCACATCCGCGTGTGCTGTG
TGCGTGCAGTCTTGCCTCCAGGTGCAGAGGTACCCTGGGTGTCCCGCTGCTGTGCAACGGTCTCCTG
ACTGGTGTGCAGCACCAGGGGCCCTTTGTTCTGGGGGGACCCAGTGCAGAATGTAAGTGGGCCACCC
GGTGGGACCCCGTGGGGCAGGGAGCTGGGCCGACATGGCTCCGGCCTCTGCCTTGTACCACGGGAC
ATCACAGGGTGGGCCTCGCCCCCTCCACACCCAAAGCTGAGCCTGCAGGGAAGCCCCACATGTCCAGC
ACCTTGTGCTGGGGTGTAGTGGCACCCTCCACACCTCCAGGCTTTCCTCACTCCACCCCTGCCCC
TCAGAGACTGAAATTACGGGTACCTGAAGATGGGAGCCTTACCTTTTATGCAAAAAGGTTTTATTCCGGA
AACTAGTGTACATTTCTATAAATAGATGCTGTGTATATGGTATATACATATATATATAAATATA
TGAAGAGGAAAAGGCTGGTACAACGGAGGCCGTCGACCCCTGGGGGCACAGGAGGCAGGCATGGCCCTG
GGCGGGGCGTGGGGGGCGTGGAGGGAGGCCAGGGGCTCACCCATGCAAGCAGAGGACCAGGGCC
TTTTCTGGCACCCGAGTTTTGTAAAACTGGACCTGTATATTTGTAAGCTATTTATGGGCCCTGG
CACTCTTGTCCACACCCCAACTTCCAGCATTAGCTGGCCACATGGCGGAGAGTTTTAATTTTTTA
ACTTATTGACAACCGAGAAGTTTTATCCCGCGATAGAGGGACGCGCAAGAATGTACGTCCAGCCTGCC
CCGGAGCTGGAGGATCCCCTCCAAGCCTAAAAGTTGTTAATAGTTGGAGGTGATTCCAGTGAAGATAT
TTTTTTTCTTTCCTTTTTTCAGGAGAATTAGATTTCTATAGGATTTTTCTTTAGGAGATTTATTTTT
TGGACTTCAAAGCAAGCTGGTATTTTACATAAATTCTTCTAATTGCTGTGTGCCAGGCAGGGAGAC
GGTTTCCAGGGAGGGGCCGGCCTGTGTGCAGGTTCCGATGTTATTAGATGTTACAAGTTTATATATAT
CTATATATATAATTTATTGAGTTTTTACAAGATGTATTTGTGAGACTTAACTTCTTACGCAATGC
TTCTAGAGTTTATAGCCTGGACTGCTACCTTTCAAAGCTTGGAGGGAAGCCGTGAATTCCAGTTGGTTC
GTTCTGTAAGTACTGGGCCCTGAGTCTGGCAGCTGTCCCTTGCCTGCAGGGCCATGGCTCAG
GGTGGTCTTCTTTGGGGCCAGTGCATGGTGGCCAGAGGTGTCACCCAAACCGGCAGGTGCGATTTTG
TTAACCCAGCGACGAACCTTCCGAAAAATAAAGACACCTGGTTGCTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCCAGCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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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_001163213.2](https://www.ncbi.nlm.nih.gov/nuccore/NM_001163213.2)

Summary:

This gene encodes a member of the fibroblast growth factor receptor (FGFR) family, with its amino acid sequence being highly conserved between members and among divergent species. 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. This particular family member binds acidic and basic fibroblast growth hormone and plays a role in bone development and maintenance. Mutations in this gene lead to craniosynostosis and multiple types of skeletal dysplasia. [provided by RefSeq, Aug 2017]

Locus ID:

2261

MW:

59.9