

Product datasheet for **SC215711**

FGFR3 (NM_000142) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	FGFR3 (NM_000142) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	FGFR3
Synonyms:	ACH; CD333; CEK2; HSGFR3EX; JTK4
ACCN:	NM_000142
Insert Size:	1635 bp



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Insert Sequence:	<p>>SC215711 3'UTR clone of NM_000142 The sequence shown below is from the reference sequence of NM_000142. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCACCCAGCAGTGGGGCTCGCGGACGTAAGGGCCACTGGTCCCCAACCAATGTGAGGGTCCCTAGCA GCCACCCCTGCTGCTGGTGCACAGCCACTCCCCGGCATGAGACTCAGTGCAAGATGGAGAGACAGCTACA CAGAGCTTTGGTCTGTGTGTGTGTGTGCGTGTGTGTGTGTGTGTGTCACATCCGCGTGTGCCTGTG TGCCTGCGCATCTTGCCTCCAGGTGCAGAGGTACCCTGGGTGTCCCCGCTGTGTGCAACGGTCTCTCTG ACTGGTGTGCAGCACCGAGGGGCTTTGTTCTGGGGGACCCAGTGCAGAATGTAAGTGGGCCACCC GGTGGGACCCCGTGGGGCAGGGAGCTGGGCCCAGATGGCTCCGGCCTCTGCCTTTGCACCACGGGAC ATCACAGGTGGGCTCGGCCCTCCACACCCAAAGCTGAGCCTGCAGGGAAGCCACATGTCCAGC ACTTGTGCCTGGGTGTAGTGGCACCCTCCACACCTCCAGGCTTTCCACTCCACCCCTGCCCC TCAGAGACTGAAATTACGGGTACCTGAAGATGGGAGCCTTTACCTTTATGCAAAAAGGTTTATTCCGGA AACTAGTGTACATTTCTATAAATAGATGCTGTGTATATGGTATATACATATATATATAACATATA TGGAAGAGGAAAAGGCTGGTACAACGGAGGCTGCGACCCTGGGGGCACAGGAGGCAGGCATGGCCCTG GGCGGGCGTGGGGGGCGTGGAGGGAGGCCAGGGGCTCACCCATGCAAGCAGAGGACCAGGGCC TTTTCTGGCACCCGAGTTTTGTTTTAAACTGGACCTGTATATTTGTAAGCTATTTATGGGCCCTGG CACTCTTGTCCACACCCCAACTTCCAGCATTTAGCTGGCCACATGGCGGAGAGTTTTAATTTTTTA ACTTATTGACAACCGAGAAGTTTTATCCGCGCATAGAGGGACGGCCAAGAATGTACGTCCAGCCTGCC CCGGAGCTGGAGGATCCCCTCCAAGCCTAAAAGTTGTTAATAGTTGGAGGTGATCCAGTGAAGATAT TTTTTTCTTTTGCCTTTTTCAGGAGAATTAGATTTCTATAGGATTTTCTTTTAGGAGATTTATTTTT TGGACTTCAAAGCAAGCTGGTATTTTCATACAAATTTCTTAATTGCTGTGTGCCAGGAGGGAGAC GGTTTCCAGGAGGGGCGGCCCTGTGTGCAGGTTCCGATGTTATTAGATGTTACAAGTTTATATATAT CTATATATATAATTTATTGAGTTTTTACAAGATGTATTTGTTGTAGACTTAACACTTCTTACGCAATGC TTCTAGAGTTTTATAGCCTGGACTGCTACCTTTCAAAGCTTGGAGGGAAGCCGTGAATTCAGTTGGTTC GTTCTGTACTGTTACTGGGCCCTGAGTCTGGGCAGCTGTCCCTTGCTTGCCTGCAGGGCCATGGCTCAG GGTGGTCTTTCTTGGGGCCAGTGCATGGTGGCCAGAGGTGTCACCCAAACCGGACAGTGGGATTTG TTAACCCAGCGACGAACCTTCCGAAAAATAAAGACACCTGGTTGCTAA ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTTCGATTCACCGCCGCTTCTATGAAAGG</pre>
Restriction Sites:	Sgfl-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_000142.5

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