

Product datasheet for SC213561

FGFR2 (NM_001144915) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: FGFR2 (NM_001144915) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: FGFR2
Synonyms: BBDS; BEK; BFR-1; CD332; CEK3; CFD1; ECT1; JWS; K-SAM; KGFR; TK14; TK25
ACCN: NM_001144915
Insert Size: 1279 bp
Insert Sequence: >SC213561 3'UTR clone of NM_001144915
 The sequence shown below is from the reference sequence of NM_001144915. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGCCGTGCGTACTGGCTGTGGACCAGTAGGACTCAAGGTGGACGTGCGTTCTGCCCTTCCTTGTTAATT
TTGTAATAATTGGAGAAGATTTATGTCAGCACACACTTACAGAGCACAAATGCAGTATATAGGTGCTGG
ATGTATGTAAATATATTCAAATTAATGTATAAATATATATTATATATTTACAAGGAGTATTTTTTTGTAT
TGATTTTAAATGGATGTCCCAATGCACCTAGAAAAATTGGTCTCTCTTTTTTAAATAGCTATTTGCTAAA
TGCTGTTCTTACACATAATTTCTTAATTTTACCAGCAGAGGTGGAAAAATACTTTTGCTTTCAGGGA
AAATGGTATAACGTTAATTTATTAATAAATGGTAATATACAAAACAATTAATCATTTTATAGTTTTTTT
TGTAATTTAAGTGGCATTCTATGCAGGCAGCACAGCAGACTAGTTAATCTATTGCTTGGACTTAACTA
GTTATCAGATCCTTTGAAAAGAGAATTTTACAATATATGACTAATTTGGGGAAAATGAAGTTTTGATT
TATTTGTGTTTAAATGCTGCTGCAGACGATTGTTCTTAGACCTCCTAAATGCCCATATTTAAAAGAAC
TCATTCATAGGAAGGTGTTTCATTTTGGTGTGCAACCCTGTCATTACGTCAACGCAACGTCTAACTGGA
CTTCCCAAGATAAATGGTACCAGCGTCCTTAAAAGATGCCTTAATCCATTCTTGAGGACAGACCTT
AGTTGAAATGATAGCAGAATGTGCTTCTCTGCGAGCTGGCCTTCTGCTTCTGAGTTGCACATTATC
AGATTAGCCTGTATTCTTTCAGTGAATTTTGATAATGGCTTCCAGACTCTTTGGCGTTGGAGACGCCT
GTTAGGATCTTCAAGTCCCATCATAGAAAATTGAAACACAGAGTTGTTCTGCTGATAGTTTTGGGGATA
CGTCCATCTTTTTAAGGATTGCTTTTCACTAATTTCTGGCAGGACCTCACAAAAGATCCAGCCTCATA
CCTACATCAGACAAAATATCGCCGTTGTTCTTCTGTACTAAAGTATTGTGTTTTGCTTTGGAAACACC
CACTCACTTTGCAATAGCCGTGCAAGATGAATGCAGATTACACTGATCTTATGTGTTACAAAATTGGAG
AAAGTATTTAATAAAAACCTGTTAATTTTTATACTGACAATAAAAATGTTTCTACAGATATTAATGTTAA
CAAGACAAAATAAATGTCACGCAACTTATTTTTTTAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul



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| 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_001144915.2 |
| Summary: | <p>The protein encoded by this gene is a member of the fibroblast growth factor receptor 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 is a high-affinity receptor for acidic, basic and/or keratinocyte growth factor, depending on the isoform. Mutations in this gene are associated with Crouzon syndrome, Pfeiffer syndrome, Craniosynostosis, Apert syndrome, Jackson-Weiss syndrome, Beare-Stevenson cutis gyrata syndrome, Saethre-Chotzen syndrome, and syndromic craniosynostosis. Multiple alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jan 2009]</p> |
| Locus ID: | 2263 |
| MW: | 49.8 |