

Product datasheet for **SC126014**

FGF19 (BC017664) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FGF19 (BC017664) Human Untagged Clone
Tag:	Tag Free
Symbol:	FGF19
Synonyms:	fibroblast growth factor 19
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >OriGene sequence for BC017664 edited
 GCGCTGCGTCCAGGATCTAGGGCCACGACCATCCCAACCCGGCACTCACAGCCCCGAGC
 GCATCCCGGTGCGCGCCAGCCTCCCGCACCCCATCGCCGGAGCTGCGCCGAGAGCCCC
 AGGGAGGTGCCATGCGGAGCGGGTGTGTGGTGGTCCACGTATGGATCCTGGCCGGCTCT
 GGCTGGCCGTGGCCGGCGCCCCCTCGCCTTCTCGGACGCGGGGGCCACGTGCACTACG
 GCTGGGGCGACCCATCCGCCTGCGGCACCTGTACACCTCCGGCCCCACGGGCTCTCA
 GCTGCTTCTGCGCATCCGTGCCGACGGGCTGTGGACTGCGCGGGGGCCAGAGCGCGC
 ACAGTTTGCTGGAGATCAAGGCAGTCGCTCTGCGGACCGTGCCATCAAGGGCGTGACA
 GCGTGCGGTACCTCTGCATGGGCGCCGACGCAAGATGCAGGGGCTGCTTCACTACTCGG
 AGGAAGACTGTGCTTTCGAGGAGGAGATCCGCCAGATGGCTACAATGTGTACCGATCCG
 AGAAGCACCGCTCCCGGTCTCCCTGAGCAGTGCCAAACAGCGGCAGCTGTACAAGAACA
 GAGGCTTCTTCCACTCTCTCATTTCTGCCATGCTGCCATGGTCCCAGAGGAGCCTG
 AGGACCTCAGGGGCCACTTGAATCTGACATGTTCTTTCGCCCTGGAGACCGACAGCA
 TGGACCCATTTGGCTTGTACCAGGACTGGAGGCCGTGAGGAGTCCAGCTTTGAGAAGT
 AACTGAGACCATGCCCGGCCTTTCACCTGCTGCCAGGGGCTGTGGTACCTGCAGCGTGG
 GGGACGTGCTTCTACAAGAACAGTCCTGAGTCCACGTTCTGTTTGTAGTTTGTAGGAAGAAAC
 ATCTAGAAGTTGTACATATTCAGAGTTTTCCATTGGCAGTGCCAGTTTCTAGCCAATAGA
 CTTGTCTGATCATAACATTGTAAGCCTGTAGCTTGCCAGCTGCTGCCTGGGCCCCCATT
 CTGCTCCCTCGAGGTTGCTGGACAAGCTGCTGCACTGTCTCAGTTCTGCTTGAATACCTC
 CATCGATGGGGAACCTCACTTCCCTTTGGAAAAATCTTATGTCAAGCTGAAATTCTCTAAT
 TTTTTCTCATCACTTCCCAGGAGCAGCCAGAAGACAGGCAGTAGTTTTAATTTTCAGGAA
 CAGGTGATCCACTCTGTAAAACAGCAGGTAATTTCACTCAACCCCATGTGGGAATTGAT
 CTATATCTCACTTCCAGGGACCATTTGCCCTTCCCAAATCCCTCCAGGCCAGAAGTAC
 TGGAGCAGGCATGGCCCACAGGCTTCAGGAGTAGGGGAAGCCTGGAGCCCCACTCCAGC
 CCTGGGACAACCTGAGAATTCGCCCTGAGGCCAGTTCTGTCATGGATGCTGCTCCTGAGAA
 TAACCTGTGTCCCGGTGTACCTGCTTCCATCCCCAGCCCACAGCCCTCTGCCACC
 TCACATGCCTCCCATGGATTGGGGCCTCCAGGCCCCCCACCTTATGTCAACCTGCACT
 TCTTGTTCAAAAATCAGGAAAAGAAAAGATTTGAAGACCCCAAGTCTTGTCAATAACTTG
 CTGTGTGGAAGCAGCGGGGAAGACCTAGAACCCTTCCCGAGCACTTGGTTTTCCAACA
 TGATATTTATGAGTAATTTATTTTATGATATGTACATCTTATTTTCTTACATTATTTATG
 CCCCCAAATTATTTATGATGTAAGTGAGGTTTGTGTTTGTATATTTAAATGGAGTTTG
 TTTGTATCAA
 AAAAAAAAAA

Restriction Sites: NotI-NotI

ACCN: BC017664

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>BC017664.1</u> , <u>AAH17664.1</u>
RefSeq Size:	1869 bp
Locus ID:	9965
Cytogenetics:	11q13.3
Protein Families:	Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Secreted Protein, Transmembrane
Protein Pathways:	MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton
Gene Summary:	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes including embryonic development cell growth, morphogenesis, tissue repair, tumor growth and invasion. This growth factor is a high affinity, heparin dependent ligand for FGFR4. Expression of this gene was detected only in fetal but not adult brain tissue. Synergistic interaction of the chick homolog and Wnt-8c has been shown to be required for initiation of inner ear development. [provided by RefSeq, Jul 2008]