

Product datasheet for **SC128241**

FGF11 (NM_004112) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FGF11 (NM_004112) Human Untagged Clone
Tag:	Tag Free
Symbol:	FGF11
Synonyms:	FGF-11; FHF-3; FHF3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_004112 edited
GTGGGATCCACTGAGGAGTACATAGGCTGCTGGATCTGGTGGAGCCAGCACTGGGCCAC
GGGTGGTAACTGGCTGCTGTGGAGGGGGGTACGTGAGGGGGGGGTCTGGGGTTATCCT
CAGGTCCTGTGGGTGGGGCAGCGAGTCGGGGCCTGAGCGTCAAGAGCATGCCCTAGTGAG
CGGGCTCCTCTGGGGAGCCAGCGCGCTCCGGGCGCCTGCCGTTTGGGGTGTCTCCT
CCCCGGGGCGCTATGGCGGCGCTGGCCAGTAGCCTGATCCGGCAGAAGCGGGAGGTCCGCG
AGCCCGGGGGCAGCCGGCCGGTGTGGCGCAGCGCGCTGTGTCCCGCGGCACCAAGT
CCCTTTGCCAGAAGCAGCTCCTCATCTGCTGTCCAAGGTGCGACTGTGCGGGGGCGGC
CCGCGCGGCCGGACCGCGCCCGGAGCCTCAGCTCAAAGGCATCGTCACCAAAGTGTCT
GCCGCCAGGGTTTCTACCTCCAGGCGAATCCCGACGGAAGCATCCAGGGCACCCAGAGG
ATACCAGTCTCTCACCCACTTCAACCTGATCCCTGTGGGCTCCGTGTGGTACCATCC
AGAGCGCAAGCTGGGTCACTACATGGCCATGAATGCTGAGGGACTGCTCTACAGTTCGC
CGCATTTACAGCTGAGTGTGCTTTAAGGAGTGTGCTTTGAGAATTACTACGCTCTGT
ACGCTCTGCTCTACCGCCAGCGTCGTTCTGGCCGGGCTGGTACCTCGCCTGGACA
AGGAGGGCCAGGTCATGAAGGAAACCGAGTTAAGAAGACCAAGGCAGCTGCCACTTTC
TGCCAAAGCTCCTGGAGTGGCCATGTACCAGGAGCCTTCTCTCCACAGTGTCCCGGAGG
CCTCCCTTCCAGTCCCTGCCCCCTGAAATGTAGTCCCTGGACTGGAGTTCCCTGCA
CTCCAGTGAGCCAGCCACCACCAACCTGTCTCCAGTCTGCTCTACCCCTGCTGC
CACACATGCCCAGCAGCCAGGTCCTACTAGTGCTACTCCAGGAGGCTAGGG
GCTGACTGTGACTCCGAGGCTGCTGAGACCCTTAGATCTTTGGGCTAGGAGGGAGTCA
GAGAGGGGGATGTCTGAAGATGGTCTGGCTGATCACTCTTTTCCACACTCACACA
ACCCATGCCTTTTCTGAGATGGCGCTGGGAGTCCCACATGGACAGCCAGGGCATAAA
CACTTCCACCCCGCTCAGCCAGTTCCTGGAGTCTGTGCCCTTTTTCATTGCCACTGA
GCCATTTCTAGATTCAGTGGAGCTCAGGATTCATGTGCTCTTTCCCTACTCTACCTT
CTACCTTGGTCTGGACACATTCTGGAACACTGGACACCCTCGCCAGGGCCACTTCTGCAC
TAGGGCTCTGTGCTGGAACCCAGGCATGCTGCCAGCCTTTTCTCTGGATCTGTCAGGCT
CTGTCTTGACTCAGATGGACCCTGGTTTCCAAGTAGAAAGAGGCTAGATTTGGGCTT
GTCTAGCTGTTGGCTTTGGCCTGAACCGGAACAGTCTCAGATGACCACGGGTTAACCT
TCTTATCCAGAGACACCAATTCTAGAGCTTTATGGAGCCGTACTTCCCTGAATCCT
AGCTTAGGACATAGATCATGACTCTCAGCCCTTTTACCAGGATGGAGCTGGGGCTGT
ATAGCCATATTATTGTTCTAAGTAAGTTCTAGCCCCACCCTCCCGCTTCTTGAGTGATA
CCTATTACGGATGAGTCTGGAAAAGACCAGCTATGATTCATAAAAACACTTCTGGATG
AATCAAGAACCATTTCTGTTTTTCTAGATAATTCTCTAAAAATATGATTCTTCCATAT
AGAATGCTAAGCTTATTTTTACATGCAGTTTCTAGCTCCTTCAACCCAGCTGAGGTGCTG
CCAGGGAGACAGAGTCTGGAGAAGGGCAGAGGAATTTTGGAAAGGATCCCTGGCTCATAGT
AGGGAAGCTGGGATGGGGAGGGGTCAAATATGGCATGACTGAACCTGCATCTGTGTT
GGGTGGACATGAATACTTAGCTACCTCAGCAGGAATTC
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004112 unedited NNCGGCCGCGNNAATTCCTCCGGGATGTGGGAATCCACTGNAGNAGTACATAGGCTGCTGG ATCTGGTGGAGCCAGCACTGGGCCACGGGTGGTAACTGGCTGCTGTGGAGGGGGTACG TGAGGGGGGGGTCTGGGGCTTATCCTCAGGTCTGTGGGTGGGGCAGCGAGTCGGGGCC TGAGCGTCAAGAGCATGCCCTAGTGAGCGGGCTCCTCTGGGGGAGCCAGCGCGTCCGG GCGCTGCCGGTTTGGGGTGTCTCCTCCCGGGGCGCTATGGCGGCGCTGGCCAGTAGCC TGATCCGGCAGAAGCGGGAGGTCCGCGAGCCCGGGGGCAGCCGGCCGGTGTGGCGCAGC GCGCGTGTGTCCCGCGGCACCAAGTCCCTTTGCCAGAAGCAGCTCCTCATCTGCTGT CCAAGGTGCGACTGTGCGGGGGCGGCCGCGCGCCGGACCGCGCCCGGAGCCTCAGC TCAAAGGCATCGTCACCAAAGTGTCTGCGCCAGGGTTTCTACCTCCAGGCGAATCCCG ACGGAAGCATCCAGGGCACCCAGAGGATACCAGCTCCTTCAACCACTTCAACCTGATCC CTGTGGGCTCCGTGTGGTACCATCCAGAGCGCAAGCTGGGTCACTACATGGCCATGA ATGCTGAGGGACTGCTTACAGTTCGCCGATTTACAGCTGAGTGTGCGTTTAAGGAGT GTGTCTTTGAGAATTACTACGTCTGTACGCTCTGCTCTTACCNCAGCGTCTGTCTG GCCGGCCTGGTACCTCGGCCTGGACAGGGAGGGCCAGTCATGAAGGNNAACCGAGTTA GAAGACCAAGCAGCTGN
Restriction Sites:	Please inquire
ACCN:	NM_004112
Insert Size:	2100 bp
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:	NM_004112.2 , NP_004103.1
RefSeq Size:	2763 bp
RefSeq ORF:	678 bp
Locus ID:	2256
UniProt ID:	Q92914
Cytogenetics:	17p13.1
Domains:	FGF
Protein Families:	Secreted Protein
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. The function of this gene has not yet been determined. The expression pattern of the mouse homolog implies a role in nervous system development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).