

Product datasheet for **MG221978**

Fgf11 (NM_010198) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgf11 (NM_010198) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fgf11
Synonyms:	Fgf-11; Fhf-3; Fhf3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG221978 representing NM_010198 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCGTTGGCCAGTAGCCTGATCCGACAGAAGCGGGAGGTCCGCGAGCCCGGGGGCAGCCGGCCCG
TGTCGGCGCAGCGGCGCGTGTGTCCCGCGGTACCAAGTCACTTTGCCAGAAACAGCTCCTCATCCTGCT
GTCCAAGGTGCGACTGTGCGGGGGCGTCCCACGCGACAGGACCGCGGCCAGAGCCTCAGCTCAAAGGC
ATCGTCACCAAAGTGTCTGCCGCCAGGGTTTCTACCTCCAGGCGAATCCCGATGGGAGTATCCAGGGCA
CCCCAGAGGACACCAGCTCCTTACCCACTTCAATCTGATTCTGTGGGACTCCGTGTGGTCACCATCCA
GAGTGCCAAGCTGGGTCCTACTACATGGCCATGAACGCTGAGGGGCTATTGTACAGCTCGCCACATTTCA
GCAGAGTGTGCGTTAAGGAGTGCCTTTGAGAATTACTATGTCCTGTATGCCTCTGCTCTCTACCGTC
AGCGTCGTTCTGGCCGGGCTGGTACCTAGGCCTGGACAAGGAAGGCCGGGTCATGAAGGGAAACCGAGT
CAAGAAGACCAAGGCAGCTGCCCACTTTGTGCCAAGCTCCTGGAGGTGGCCATGTACCGGGAGCCTTCT
CTCCACAGTGTTCCTGAGACCTCCCCTTCCAGTCCCCCTGCCAC

ACGCGTACGCGGGCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG221978 representing NM_010198
 Red=Cloning site Green=Tags(s)

MAALASSLIRQKREVREPGGSRPVSAQRRVCPRGKSLCQKQLLILL SKVRLCGGRPTRQDRGPEPQLKG
 IVTKLFCRQGFYQLQANPDGSIQGTPEDTSSFTHFNLI PVGLRVVTIQSAKLGHYMAMNAEGLLYSSPHFT
 AECRFKECVFENYYVLYASALYRQRSGRAWYLGLDKEGRVMKGNRVKTKAAAHFVPKLLEVAMYREPS
 LHSVPE TSPSSPPAH

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_010198

ORF Size: 675 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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_010198.3](#)

RefSeq Size: 678 bp

RefSeq ORF: 678 bp

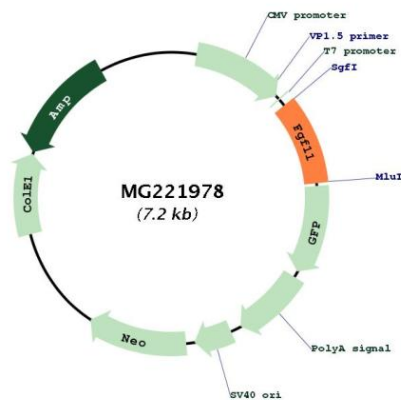
Locus ID: 14166

UniProt ID: [P70378](#)

Cytogenetics: 11 B3

Gene Summary: Probably involved in nervous system development and function.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG221978