

Product datasheet for **MR222828**

Fgf20 (NM_030610) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Fgf20 (NM_030610) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Fgf20
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR222828 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTCCCTTGACCGAAGTCGGGGCTTTCTTGGGCGGCCTGGAGGGCTTGGCCAGCAGGTGGGGTCGC
 ACTTCTTGCTGCCTCCTGCAGGGGAGAGGCCACCGCTGTTAGGGGAGCGGGCGGGCGCTTGAGAGGGG
 CGCCCGCGGGCGGGCCCGTTCCGTGGAGCTGGCGCACCTGCACGGCATCCTGCGCCGCGGCAGCTCTAC
 TGCCCGACCGGCTTCCACCTGCAGATCCTGCCGACGGCACCGTGCAGGGCACCCGGCAGGATCACAGTC
 TCTTCGGTATCCTGGAATTCATCAGTGTGGCAGTGGGACTGGTCACTATCAGAGGTGTGGACAGTGGCCT
 GTACCTGGGATGAATGACAAAGGAGAAGTTTATGGATCAGAGAAATTGACTTCTGAATGCATCTTCAGG
 GAACAATTTGAAGAGAAGTGGTATAATACCTATTCGTCCAACATATAAACATGGAGACACGGGTCGCA
 GGTATTTTGTAGCACTTAACAAGGATGGAAGTCCAAGAGATGGTGCCAGGTCCAAAAGACATCAAAAAGTT
 TACCCACTTTTTACCAAGACCAGTAGACCCAGAAAGAGTTCAGAATTATACAAAGACCTACTGATGTAC
 ACT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR222828 protein sequence
 Red=Cloning site Green=Tags(s)

MAPLTEVGAFLGGLEGLGQQVGSFLLPPAGERPPLLGERGALERGARGGPGSVELAHLHGILRRRQLY
 CRTGFHLQILPDGTVQGTQDHSLEFGILEFISVAVGLVSIRGVDSGLYLGMMNDKGELYGSEKLTSECFR
 EQFEENWYNTYSSNIYKHGDTGRRYFVALNKDGTPRDGARSKRHQKFTFLPRPVDPERVPELYKDLLMY
 T

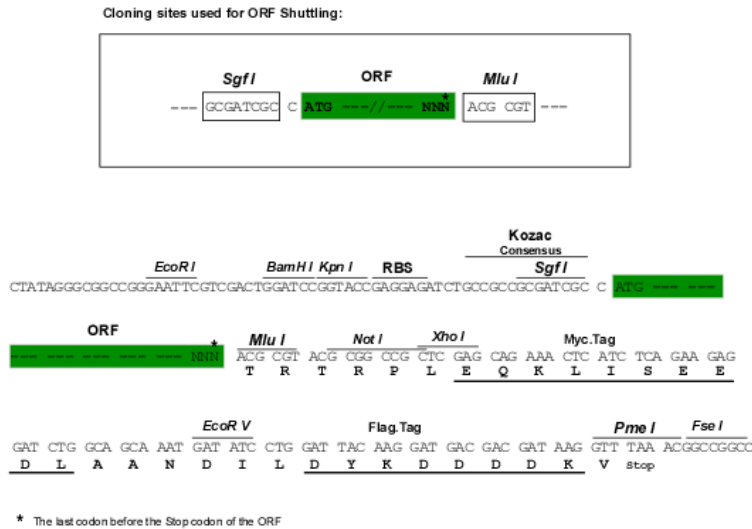
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_030610

ORF Size: 636 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_030610.1](#), [NM_030610.2](#), [NP_085113.2](#)

RefSeq Size: 1476 bp

RefSeq ORF: 636 bp

Locus ID: 80857

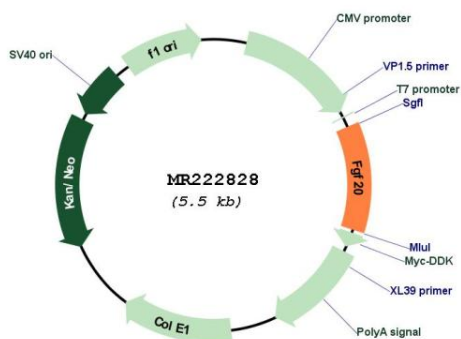
UniProt ID: [Q9ESL9](#)

Cytogenetics: 8 A4

MW: 23.6 kDa

Gene Summary: Neurotrophic factor that regulates central nervous development and function.
[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR222828