

Product datasheet for MR227585

Fgf8 (NM_010205) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgf8 (NM_010205) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fgf8
Synonyms:	Aigf; Fgf-8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR227585 representing NM_010205 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCAGCCCCGCTCCGCGCTGAGCTGCCTGCTGTTGCACTTCTGCTGTTCTCTGCCTCAAGCCAGG
TAAGGAGCGCTGCGCAGAAGCGGGGGCCGGCGCGGGGAACCCAGCTGACTCTCGGCAGGGACACGA
GGACCGACCTTCGGCCAGCGCAGCAGGGCTGAAAGAACTTTACAAATCCAGCCCCAACTACCCCGAG
GAGGGATCTAAGGAACAGAGAGACAGTGTCTGCCTAAAGTACACAGCGACATGTGAGGGAGCAGAGCC
TGGTGACGGATCAGCTCAGCCGCCCTCATCCGGACCTACCAGCTCTACAGCCGACCAGCGGGAAGCA
CGTGACAGTCTCGCCAAACAAGCGCATCAACGCCATGGCAGAAGACGGAGACCCCTTCGCGAAGCTCATT
GTGGAGACCGATACTTTTGAAGCAGAGTCCGAGTTCGCGGCGCAGAGACAGGTCTCTACATCTGCATGA
ACAAGAAGGGGAAGCTAATTGCCAAGAGCAACGGCAAAGGCAAGGACTGCGTATTACAGAGATCGTGCT
GGAGAACAACACACGGCGCTGCAGAACGCCAAGTACGAGGGCTGGTACATGGCCTTTACCCGCAAGGGC
CGGCCCGCAAGGGCTCCAAGACGCGCCAGCATCAGCGCAGGTGCACTTCAAGAGCGCTGCCCGGG
GCCACCACACCAGCAGAGCCTGCGCTTCGAGTTCCTCAACTACCCGCCCTTACGCGCAGCCTGCG
CGGCAGCCAGAGGACTTGGGCCCGGAGCCCCGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_010205.2](#), [NP_034335.1](#)

RefSeq Size: 1260 bp

RefSeq ORF: 807 bp

Locus ID: 14179

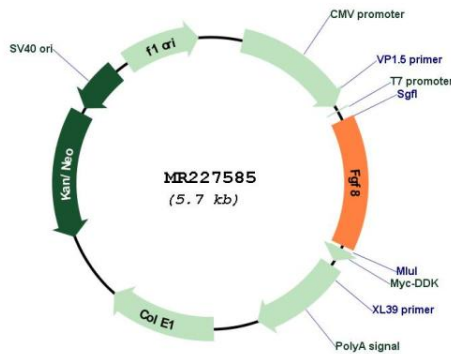
UniProt ID: [P37237](#)

Cytogenetics: 19 38.75 cM

MW: 30.4 kDa

Gene Summary: Plays an important role in the regulation of embryonic development, cell proliferation, cell differentiation and cell migration. Required for normal brain, eye, ear and limb development during embryogenesis. Required for normal development of the gonadotropin-releasing hormone (GnRH) neuronal system. Plays a role in neurite outgrowth in hippocampal cells (By similarity). Cooperates with Wnt-1 in mouse mammary tumor virus-induced murine mammary tumorigenesis (PubMed:7884899).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR227585