

Product datasheet for RR201771

Fgf8 (NM_133286) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Fgf8 (NM_133286) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Fgf8
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR201771 representing NM_133286
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGCAGCCCCGCTCCGCGCTGAGCTGCCTGCTGTTGCACTTGTCTGCTTCTGCTCCAAGCCCAGC
 ATGTGAGGGAGCAGAGCCTGGTGACGGATCAGCTCAGCCGCCCTCATCCGGACCTACCAGCTCTACAG
 CCGCACCCAGCGGGAAGCAGTGCAGTCTGGCCAACAAGCGCATCAACGCCATGGCAGAAGACGGAGAC
 CCCTTCGCAAAGCTCATTGTGGAGACCGATACTTTTGGAAAGCAGAGTCCGAGTCCGCGGAGCAGAGACCG
 GTCTGTACATCTGCATGAACAAGAAGGGGAAGCTAATCGCCAAGAGCAACGGCAAAGGCAAGGACTGCGT
 GTTCACGGAGATCGTGTGGAGAACAATAACACGGCGCTGCAGAACGCCAAGTACGAGGGCTGGTACATG
 GCCTTTACCCGCAAGGGCCGCCCCGCAAGGGTTCCAAGACGCGCCAGCACCAGCGGAGGTGCACTTCA
 TGAAGCGCTGCCGCGGGCCACCACACCAGAGCAGAGCCTCCGTTTCGAGTTCCTCAACTACCCGCC
 CTTACGCGCAGCTGCGCGGCAGCCAGAGGACTTGGGCCCGGAGCCCCGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR201771 representing NM_133286
 Red=Cloning site Green=Tags(s)

MGSPRSALSCLLLHLLVLCLQAQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQVLANKRINAMAEDGD
 PFAKLIVETDTFGRVVRGAETGLYICMNNKKGKLIAKSNGKGDVCFTEIVLENNYTALQNAKIEGWYM
 AFTRKGRPRKGSKTRQHQRVHFMRKLRPGHHTTEQSLRFEFLNYPPFTRSLRGSQRTWAPEPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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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>NM_133286.1</u> , <u>NP_579820.1</u>
RefSeq Size:	615 bp
RefSeq ORF:	615 bp
Locus ID:	29349
Cytogenetics:	1q54
MW:	23.5 kDa
Gene Summary:	may protect hippocampal neurons from oxidative stress [RGD, Feb 2006]