

Product datasheet for **MC208482**

Fgf14 (NM_010201) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fgf14 (NM_010201) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fgf14
Synonyms: FHF-4; Fhf4; mFHF-4(1B)
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208482 representing NM_010201
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCGCGGCCATCGCCAGCGGCTTGATCCGTCAGAAACGGCAGGCGCGGGAGCAGCACTGGGACCGGC
CCTCTGCCAGCAGGAGGCGGAGCAGCCCCAGCAAGAACCAGCGGGCTTTGCAATGGCAACCTGGTGGATAT
CTTCTCTAAAGTGCGCATCTTCGGCCTCAAGAAGCGCAGGTTGCGGCGCCAAGATCCCCAGCTCAAGGGC
ATAGTGACCAGGTTATATTGCAGGCAAGGCTACTACTTGCAGATGCACCCGATGGAGCTCTCGATGGAA
CCAAGGATGACAGCACCAATCCACACTGTTCAACCTCATCCCAGTGGGACTGCGCGTTGTTGCCATCCA
GGGAGTGAAGACAGGTTGTACATAGCAATGAATGGAGAAGGTTACCTCTACCCATCAGAACTTTTTACC
CCTGAATGCAAGTTTAAAGAGTCTGTTTTTAAAACTATTATGTAATCTACTCATCCATGCTGTACAGGC
AACAGGAGTCTGGCAGAGCCTGGTTTTTGGGATTAATAAGGAAGGGCAAGTTATGAAAGGAAACAGAGT
AAAGAAAACCAACCAGCAGCTCATTTTCTACCCAAGCCATTGGAAGTTGCCATGTACCGAGAACCATCC
TTGCATGATGTTGGTGAACAGTCCCGAAAGCTGGGTTGACGCCAAGCAAAGTACAAGTGCATCTGCAA
TAATGAATGGAGGCAAACCAGTCAACAAGTGAAGACCACA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010201
Insert Size: 744 bp



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| 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_010201.4 , NP_034331.2 |
| RefSeq Size: | 2824 bp |
| RefSeq ORF: | 744 bp |
| Locus ID: | 14169 |
| UniProt ID: | P70379 |
| Cytogenetics: | 14 66.18 cM |
| Gene Summary: | <p>Probably involved in nervous system development and function.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) differs in the 5' UTR and coding sequence compared to variant 2. The resulting isoform (a) has a shorter and distinct N-terminus compared to isoform b. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.</p> |