

Product datasheet for **MC208488**

Fgf4 (NM_010202) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgf4 (NM_010202) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fgf4
Synonyms:	Fgf-4; Fgfk; HBGF-4; hst; hst-1; Hst1; Hstf-1; kFGF; KS3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208488 representing NM_010202 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGAAACGCGGGCCGACCACAGGGACGCTGCTGCCAGGGTCTGCTGGCCCTGGTGGTGGCCCTGG
CGGACCGAGGGACCGCCGACCCAACGGCACGCGGCAGCAGAAATTGGGGCACGGCTGGGACGGCTTGGT
GGCCCGCTCGTGGCACGCTGCCGGTGGCCGCGCAGCCCCGAGGCGGCGGTCCGCAGCGGCGCAGGG
GACTACCTGCTGGGCTCAAAGGCTTCGGCGGCTCTACTGCAACGTGGGCATCGGATCCACCTGCAGG
TGCTGCCGACGGCCGATCGGTGGTGTGCACGCAGACAGAGGGACAGTCTTCTGGAGCTCTCTCCGGT
GCAGCGAGGCGTGGTGGATCTTCGGAGTGGCCAGCCGTTCTTCGTGGCCATGAGCAGCAGGGGCAAG
CTCTTCGGTGTGCCTTTCTTTACCGACGAGTGTAAATCAAAGAAATACTTCTGCCCAACAATAACAACG
CCTACGAATCCTACGCGTACCCCGGTATGTTTCATGGCCCTCAGTAAGAACGGGCGGACCAAGAAGGGGAA
CCGAGTGTGCGCTACCATGAAGGTAACCCACTTCTTCTAGACTG**TGA**

AC**GGGCCCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
TTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-NotI
ACCN:	NM_010202
Insert Size:	609 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:	<u>NM_010202.5</u> , <u>NP_034332.2</u>
RefSeq Size:	3030 bp
RefSeq ORF:	609 bp
Locus ID:	14175
UniProt ID:	<u>P11403</u>
Cytogenetics:	7 88.88 cM
Gene Summary:	Plays an important role in the regulation of embryonic development, cell proliferation, and cell differentiation. Is essential for survival of the postimplantation mouse embryo. Required for normal limb and cardiac valve development during embryogenesis.[UniProtKB/Swiss-Prot Function]