

Product datasheet for **MC204733**

Fgf7 (NM_008008) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgf7 (NM_008008) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fgf7
Synonyms:	Kgf
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052847
AAGAGGTAATCCTCAAGTTGCACGAGGCAGACAGCAGACACGGAACCTTTGTGTACCCAGCTGTTCCAAA
CAGAACAAAAGTCAAGGAGCAACCGCACTGCAGCAACTGGCCTTGTACGACCTGTTTCTATAAGGATAC
CTATCAGCTGTGTTCTGAAGGAGGAATCGTGTATTGGTATCAGAAGCTAAAAGATAAGGTTAACAGTT
TGGAAAGAGCGACGACTTTTTCTCTCATCAATCTCCAGTTCACAAATAGGAGGAGGCCATGACCTAGGA
GTAGCAATCAACGCAAGATTCAATTCTCATTATGTTATTCATGAACACCCGGGGCACTACACTATAATGC
GCAAATGGATACTGACACGGATCCTGCCAACTCTGCTCTACAGGTCATGCTTCCACCTCGTCTGTAGT
GGGCACTATATCTAGCTTGAATGACATGAGTCCGGAGCAAACGGCTACGAGTGTGAACCTGTTCCAGC
CCCCGAGCGACACACCAGAAGTTATGACTACATGGAAGGAGGGATATAAGGGTGAGAAGACTGTTCTGTC
GCACCCAGTGGTACCTGAGGATTGACAAACGAGGCAAAGTGAAGGGACCCAGGAGATGAAGAACAGCTA
CAACATCATGGAAATCAGGACCGTGGCAGTTGGAATTGTGGCAATCAAAGGGTGGAAAGTGAATACTAT
CTTGCCATGAACAAGGAAGGAACTCTATGCAAAGAAAGAAATGCAATGAGGATTGCAACTTCAAAGAAC
TGATTCTGAAAAACCATTATAACACCTATGCATCAGCTAAATGGACACACAGCGGAGGGAAATGTTCTGT
TGCCTTAAATCAAAGGGGATTCCTGTCAAAGGGAAGAAAACGAAGAAAGAACAAAAACAGCCCATTTT
CTTCTATGGCAATAACCTAAGTGTACATGGTATTTGAGAAACAGTTTTCATTACAGCGGAGATTCTT
TCCAGTGGACTTTTCTTCT
AGTAACCAAGAAAGGCTGGAAAACACTGAAAACCTGATCAAGCTGGACTTGGCATTTTTGTTTATTTTA
AAAGACTGCATTAAGAAAGATTTGAAGAATATACACAAAAATCAGATTTAGTAAAGGTTGTAAGAAAGTT
GTAAAAGTGGTTGTACAATCATGATGTTAGTGACGTGATATTTTTCTTAAATTAATTTACCTTAAGAGT
ATGTTAGATTTGACTATCTGATAATGAATATTTAATATCACTATCTGCTTATAAAATGGCTGCTATAATA
ATATTAATAATGCAGATGATGTTATATAAGGTATGTCAGACCTAAAGGCTGCTGGGATGCTTTGTGAGT
GATCAAGCCCCACACAACTACAGACGATGAGCAGTGTGTTGAAAGCTTCCAGTGAGACTATAATCCGG
AAAAATGAATGTTTTCAACATTTTATTATAGAATAGAATCTACAGGTGGTTTTACAAAATCACAGGCTTG
GAACATGCCTGTACTGACTAATATGAACAAAAATCCACTCAAATTGAAAAGGTATTGCTAACAGGATGTT
TTAAAAATCTGTATATAAAATAGCAATAATGATGATAATATTGATTTTCTCTACCACAAAATAATATT
TTATAATCCCTTAAAAATAAATTTAGAAAATCTTTACATTTTTTTCAAGTAAATCTATCTGTTGTATAAAT
CACATTTGGGAACACAACTTTTAGTAAATGCTCTTCCACAAAATAATCATGCTTATTTCCCTCTGTGATT
ACAGCATTAACTCTACTTTAAGTTGATTTGAATTTTATTGTTTTGTTATTTAAGTTTATGTTATTTAT
AAAGAAAAAACCTTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_008008

Insert Size: 585 bp

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:

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: [BC052847](#), [AAH52847](#)

RefSeq Size: 1925 bp

RefSeq ORF: 585 bp

Locus ID: 14178

UniProt ID: [P36363](#)

Cytogenetics: 2 F1

Gene Summary: Plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation. Required for normal branching morphogenesis. Growth factor active on keratinocytes. Possible major paracrine effector of normal epithelial cell proliferation (By similarity).[UniProtKB/Swiss-Prot Function]