

Product datasheet for **MC221566**

Sp4 (NM_009239) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sp4 (NM_009239) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sp4
Synonyms:	5730497N03Rik; HF-1b; HF1-b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221566 representing NM_009239
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCGATCAGAAGAAGGAGGAGGAGGAGGAGGCGCGCAGCGCGGATGGCTACAGAAGGAGGAAAAACCT
 CTGAGCCAGAGAATAACAATAAAAAACCCAAAACCTCAGGCTCCCAGGACTCTCAGCCCTCTCCTCTGGC
 TTTACTGGCAGCTACTTGACGAAAAATAGGGACTCCTGGTGAAAAATCAAGCAACTGGACAACAGCAGATT
 ATTATAGATCCAAGCCAAGGATTGGTGCAACTTCAGAATCAGCCACAGCAGCTAGAAGTGGTGACGACGC
 AGCTTGCTGGAACGCTTGGCAACTTGTGCTCCACTCCTCTGCTTCAAAGAAAAATAACGTTTCTCA
 GCCAGTCTTAGTTCATCTAGTCTTCCAGCAGTAATAACGGGAGTTCCTCTCTACAAAACTAAATCA
 GGTAAATCCTTCCACCCCTAATCAATTTCAAGTCATAACAAGTACAAAACCCAAAGCGGTAGTGTACAGTACC
 AAGTGATCCCCAACTTCAGACGGTGAAGGCCAGCAAATCAAATCAACCCAACTAGTAGTTCATCTCT
 ACAGGATTTGCAGGGTCAAATTCAGCTCATTTCTGCAGTAATAATCAAGCTATCCTCACGGCTGCTAAC
 AGGACAGCTTCTGGGAATATCCTTGCTCAAACCTGGCAAATCAGACAGTTCAGTACAAATTAGACCTG
 GCGTTTCAATACCATTGCAATTGCAGACCTTCTGGTACTCAGGCTCAAGTTGTAAACAACCTACCAAT
 TAACATTGGAGGAGTGACTTTAGCTTTGCCAGTAATAAATACGTGACTGCTGGAGGAGGGACTGGACAA
 GTCGGCCAGCCTACTACTACTACTGACAGTGGGACTTCCAATGGGAATCAGTTAGTTTCTACGCCACCA
 CCAGCACTGCTCCCGCCAGTACTATGCCTGAATCGCCCTCCTCTCTACTACCTGCACAACCACCGCATC
 AACAACTCTGACGAGCAGTGACACATTAGTGAGCTCAGCAGATACAGGCCAGTATGCAAGCACATCAGCC
 AGTAGTTCTGAACGCACCATTGAAGAACCACAGACCTGCTGCTACTGAGTCTGAAGCCAGAGCTCCA
 GCCAGTTCAGTCCAACGGAATTCAGAATGCACAAGACCAGTCAAATTCCTTCAACAAGTACAGATTGT
 AGGCCAGCCTATCCTGCAGCAAATCCAGATCCAGCAGCCTCAGCAGCAGATTATTCGAAGCTATCCCACCA
 CAGTCATTTAGCTCCAGTCAGGGCAGACAATTCAGACCATCCAGCAGCAGCCTTTGCAGAAATGTTCAAC
 TTCAAGCAGTAAACCCGACTCAGGTAATATCAGGGCTCCAACCTTAAACACCTTCAGGGCAAATCAGCTG
 GCAAACGTCCAGGTCCAGAATATTCAAAGTCTTTCAAATTTGCAAGTTCAGAATGCTGGGTTATCCCAG
 CAGTTAACCATCACCCAGTGTCTTCAAGTGGTGGCACAACCTCTGCTCAGATTGCTCCTGTGGCTGTTG
 CTGGTGCCCAATAACTTTGAATACTGCCAGCTTGCATCAGTGCCTAACCTTCAGACAGTGAGCGTTGC
 CAACCTGGGTGCTGCGGGTGTTCAGTTCCAGGAGTTCAGTAAACATCACTAGTGTTCAGGTCAACAG
 CAAGGACAGGATGGAGTGAAGTCCAACAAGCTACTATAGCTCCTGTAAACGGTGGCAGTTGGAGGGATTG
 CTAAATGCGACAATAGGTGCTGTTAGTCTGACCAACTCACACAAGTGCATTTGCAGCAAGGCCAGCAGAC
 CTCTGATGCAGAGGTGAACCTGGCAAGAGGCTCCGAAGAGTTGCCTGCTCCTGTCTAACTGTAGGGAA
 GGAGAAGGAAGGGGCAGCAGTGAACCAGGAAAGAAGAAGCAGCATGTTTGCCACATTGAAGGGTGTGGGA
 AAGTATATGGCAAGACCTCTCACCTCCGAGCACATCTCCGATGGCACACTGGAGAAAGACCGTTCATATG
 CAACTGGATGTTTTGTGGCAAAGATTCACAAGGAGCGATGAGCTTCAGAGACACAGAAGGACCCACACA
 GGTGAAAAGAGATTTGAATGTCCAGAGTGTCTAAAAGGTTTATGCGGAGTGATCACCTATCCAAGCATG
 TCAAAACTCACAGAATAAGAAAGGAGGTGGGACAGCTCTGCCATTGTTACCTCCGAGAACTGGACTC
 ATCTGTTACAGAGGTGCTTGGCTCTCCACGGATTGTCACGGTTGCCGCCATTTCCAAGATTCAATCCA
 GCAACTCCAATGTTTCAACAAAACATGGAAGAATTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_009239
 Insert Size: 2349 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:	<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_009239.4 , NP_033265.4
RefSeq Size:	9017 bp
RefSeq ORF:	2349 bp
Locus ID:	20688
Cytogenetics:	12 63.48 cM