

Product datasheet for **MC200033**

E2f5 (NM_007892) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: E2f5 (NM_007892) Mouse Untagged Clone
Tag: Tag Free
Symbol: E2f5
Synonyms: AU024671; E2F-5
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003220 sequence for NM_007892
 CCGCGCTCTGTGGTGCCTGCGCGAGCCGCGGCTCCGGGACTGGTGGACGGGGCGCCGTGG
 GCGGGAGCGGAGTCCGCGCACCTCCTCTGCCGGTGGCGGAGCGGCTCCTCGCCAGAGGACAGCAGGGCC
 GCGGCGGTGATGGCGGCGGAGCCACGAGCTCTGCTCAGCCACGCCGAGGCCAGGCTCAGCCG
 CGCCGATGGGGCGCCATCCTCGCAGCCGTCCGCGGCGCTCGCGGGGGAGCAGCCGGCAGAGAAGAG
 CCTGGGCTTGCTTACCACCAAATTCGTGTCTGCTGCAGGAGGCGCAGGACGGCGTCTGGATCTCAA
 GCGGCTGCAGATACCTTGGCTGTGAGGCAAAAGCGAAGAATTTATGATATACCAATGTCTTAGAGGAA
 TTGATCTAATTGAAAAAATCAAAGAACAGTATCCAGTGAAGGGTGTAGGTGCTGGCTGTAATACTAA
 AGAAGTTATCGATAGATTAAGGTGTCTTAAAGCTGAAATTGAAGATCTCGAATTGAAGGAAAGAACTT
 GACCAGCAGAAGTTGTGGCTACAGCAAAGCATCAAAAATGTGATGAAGACTCCATTAATAACAGATTTT
 CTTATGTAACACGAAGACATCTGCAATTGCTTTCATGGTGATACACTGTTGGCCATTCAGGCACCTTC
 TGGTACACAGCTGGAAGTACCTATTCCAGAAATGGGACAGAATGGACAAAAGAAATACCAGATAAATCTG
 AAGAGTCACTCAGGGCCTATCCATGTGCTACTATAAATAAAGAGTCCAGTTCATCTAAGCCAGTGGTTT
 TTCTGTTCACCTGATGACCTCACACAGCCTTCTCCAGTCCCTCACTCAGTGACTCCACAGAA
 ATCCACCATGGCTGCTCAAAACCTGCCTGAGCAGCATGTTCCGAAAGAAGCCAGACTTTCAGCAGACA
 CCAGCTGCAGAAGTATCTCAGGATCTATTAGTGGAGACATCATTGATGAACTGATGCTTCTGATGTGT
 TTCCTCTTTACGGCTTCTCCTACCCAGCAGATGACTACAACCTTAATTTAGATGATAATGAAGGAGT
 TTGTGATCTGTTGATGTTGAGATACTAAATTATTAGATTCATGAACTTGGGACTATTATCTACCTC
 TATAACATTTTGAATTTCTTAATAACCTAAGTATTTAAATTAATGAATGTAACACCTTTTGTGTTCACT
 GATTCTGAAGTGTCTTCCCTAACATTTTATTTTACTTCACAAAACCTGAAAGGGCTCTGCCTGCTTC
 TGGGGGTAGAGGTAATGATTACCTGTCCAGCAGCTGCCCTCCAGTGACCACATTCAGTTTCTTTCACT
 AGCTTCTCTCCTGAGAGGGCAGTTACAGCAGGCTCCAGTTCATCCAAACAAAACATTGTCCAGAAGATC
 ACTTATTTGTCTTATGTTTTGCCGCAAAATGTTTCTATGTATCCTTCAAACAGACATTCAGTCCATAT
 AATAAGTGAAGGATCACTGTTAAGTGAACAGATTTTGTGAAGTGCCTTCTGTTTTAGCACTTTAAGCC
 TATCAGTTTGTGACTTCTGACATTCACCTTCTAGAGTACAGGAAAGATCTGTTTATGTAGTTTGATT
 AAAAAATGTCCAATGCCTGTACATTAACAAGATTTAAAGAAATAAAGTTGTATGAAACATTGACTTTAA AAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_007892
Insert Size:	1008 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:	BC003220 , AAH03220
RefSeq Size:	1763 bp
RefSeq ORF:	1008 bp
Locus ID:	13559
UniProt ID:	Q61502
Cytogenetics:	3 A1
Gene Summary:	Transcriptional activator that binds to E2F sites, these sites are present in the promoter of many genes whose products are involved in cell proliferation. May mediate growth factor-initiated signal transduction. It is likely involved in the early responses of resting cells to growth factor stimulation. Specifically required for multiciliate cell differentiation: together with MCIDAS and E2F5, binds and activate genes required for centriole biogenesis. [UniProtKB/Swiss-Prot Function]