

Product datasheet for **MC220674**

2700050L05Rik (BC046235) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	2700050L05Rik (BC046235) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	2700050L05Rik
Synonyms:	MGC27934, MGC58090
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC046235
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAGACAGTGATGAGAATGGATCCTACAGCACCAGCTCTGACCCAGCAGATGACAACAAGGCAGTGG
 CTATCATTAAAGTCTGTTGGAGAAGTGTCTAGTACCGGAAAAATACAAGTCGATTCATCAGATCAGACCCAG
 TTGTGCATTTCCCGTTTCCCATGACACAGAAGAGCGCTGTGCGACTCGTCCTTAGCTATGTGTTGGAGGGT
 TAAAACTGTAGATAGTAGCATCAAAAAAGAAAGCGACCTTCCAGCAGCTGACCCAGCACTCCTATCC
 CCTTAAAAATGAAGATGAATCCACAAGGGGTGGCCCTGAGGGGCTGGAGAAGCAGATGGCCTTGTTCCT
 GGACAAAATGGGCTCCATTCAGAAGGGCAGTGTCTGGGCAGTCTGGAATGACCCCTGGTTCCTGGCAA
 CATAAAATGAACTTCAGCTGATTCTCAAGTCATCAAAGGCCTACTACATTTTGCAGATGCTGCCATGA
 GTCTTCAGAAGTATGGAAGAGCATTGAGATACATTAAGCTAGCTCTACAGAGCCATGATACTTACTGCTG
 CCTCTGCACCAACATGCTTTCTGAAGTGTCTGTTTCTCTCAATACCTGACACTTTGGCGGACATC
 CAACTCATGCTGGCCAGAATGCAAATAACCGAGCAGCACACCTCGAGGAGTTTAAATACCAAACAAAAG
 AAGACCAGGAGATCCTCCACAGTCTCCACAGAGAGTCCAGCTGCCAGGGATTTGCATGGGCAACAGATCT
 ATCTACAGACTTAGAAAAGTCAACTCTCAGTTAGTTGATAATGTTATGAGGCTGCTAATGAAATCTTGCAA
 TTCAGCGACTTAAAAAGTCAGAAATCCAGAACACTATGTACAGGTGTTGAAGAGAAATGGGAAACATTAGAA
 ATGAAATCGGTGTATTCTACATGAATCAGGCTGCTGCACTGCAGGGTGAAGAGAGTGTGAGCAAACTGTG
 GTCTGCTGCAGAGCAACAATTGTGGAAAAAAGCTTTTCTGTTTGGAAAAGGGGATTACAACCTTTGAG
 TCGATTGATGATGCTACAAATGCTGCCCTTCTGCTGTCAACACGGGAAGACTCATGCGGGTCTGTGCGC
 AGGCGCACTGCGGTGCAGAGGATGAGTTCAAACGGGAGTTCTCTCCAGAGGAGGGCTTGTATTACAGCAA
 GGCCGTTGATTACTATTTGAAGGCTCTGAGGTCATTGGGAACGAGAGACATGCACCCAATTGTTTGGGAT
 TCTGTGAAGTGGGAATTGTCCACTACATACTTACCATGGCGACTCTGCAGCAAGATTATGCTCCATTAT
 CCAGAAAAGCTCAGGAGCAGATTGAGAAAAGAGTGAAGAGGCTATGATGAAGTCCCTGAAGCACTGCGA
 TGTTGACTCAGCAACTGCTCGGCAGCCCTCTGTCACTACCGAGCTGCGACCATCCATCACAGGCTGGCT
 TCCATGTACCACAGCTGTCTGAGGAACAGGTTGGTGTGAGCATCTTAGGAAGCAGCACCGAGTGTGG
 CAGATCTCCACTACAGCAAAGCTGCGAAGCTCTTTCAGCTTCTCAAAGACGCTCCCTGTGAAGTCTTAG
 AGTGCAGCTAGAAAGGGTGGCATTTCAGAAATTCAGATGAGCAGTCAAGATAGCAATGTTGGAAAGTTA
 AAAACATTATCTGGGCACTTGATATCATGGTGAAGCAGGAGCATGCGTTCAGCTCATCCGGAAGGAGC
 TTGTAGAGGAATGTGACCAGCCCAAGAATGATGAGGCTACACCGGCTGCTGATTCTTACCTAATCTTAA
 TCGAGAAGAAGTATCAAACTCCTTAGTATATTTGAATCTCGTCTGTCATTCTTCTCCTCAATCCATC
 AAAGTGTGCTGATCTAAAAGGAAAATGAGCAGTAACGCTGAAGAAGACATAGTCTCCAAAACCAACA
 AGCAGATTTACTCCAGCTTTTGGAGAGCAGTCCCAACAGAACTCAACTCTGCTGGAAAGAATTGAAGT
 CGTCATCTGTTTGTGAGCAGCTTGCCTCCGGTAGCAGCCGATCGAGTGGCAGTGTGTCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** BC046235
- Insert Size:** 2097 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: [BC046235](#), [AAH46235](#)

RefSeq Size: 2870 bp

RefSeq ORF: 2096 bp

Locus ID: 214764

Cytogenetics: 7 F3

Gene Summary: Transcription factor involved in erythroid differentiation. Involved in transcriptional activation of the globin gene (By similarity).[UniProtKB/Swiss-Prot Function]