

Product datasheet for **MC203650**

BC052040 (NM_207264) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BC052040 (NM_207264) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	BC052040
Synonyms:	RP23-297K24.1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052040
 CGCCCCGCGGTGCAGCTAGGGGGGTGTGCTTTGGGGGCATAAGGGATAGCTAAATAAGTGGAGGGCCAG
 GGTTCGTACCGCGCTCTGCCCTTCCCTAGTTCTAGGCACCAAGCCCGCACGAGCCCAAGGGTGATTTTC
 CTTGGGCCAATATGATACTAACCAAAGCCAGTACGAGGAGATAGCCCAGTGCCTAGTGTCTGTACCGC
 CCACTAGGCAGAGCCTGAGGAAGCTGAAGCAGAGGTTCCCCAGTCAATCGCAGGCCACTCTGCTGAGCAT
 CTTCTCCCAGGAGTACCAGAAACATATTTAAAAGAACACATGCCAAACATCACACTCCAGAAGCGATTGAA
 AGTTACTACCAGAGGTACCTGAATGGCGTGGGGAAAAACGGAGCAGCCCCCGTCTTTGGAGCTGGCCA
 ATGAGGTGGACTATGCACCCTCATTAAATGGCTCGGATTATCCTGGAGAGATTTCTACAGGGGCATGAACA
 GACTCCACCCTCCAAGTCTGTTATAAACAGTATGCTGCGGGACCTTCTCAGATTCCAGATGGAGTTCTA
 GCAAACCAGGTCTATCAGTGCATCGTGAATGACTGTTGCTATGGACCGCTGGTGGACTGCATCAAGCACG
 CTATTGGCTATGAGCATGAAGTCTGCTGAGAGACTTGTCTTGAAGAAAAACCTGCTGTTCTTAGATGA
 GGATCAGTCCGTGCAAAGGGCTATGACAAAACCCAGACTTCATTTTACAGGTGCCAGTTGCTGTGGAA
 GGGCACATAATTCAGTGGATTGAAAGCAAAGCCTCATTTGGTGATGAATGTAGCCACCACGCTACCTGC
 ATGGCCAATTCTGGAGCTACTGGAATAGGTTTGGACCAGGCTGGTCATCTATTGGTATGGATTTATCCA
 GGAAGTGGACTGCAACCGGAAAGAGGCATCCTGCTCAAAGCCTGTTCCCCACAGACATCGTCACCTTA
 TGCCATAGCACAGCTTGACCCCGAAGATCCTGGAAGAGAAGCCGGAAGCAATGTTACTTTCTGCAGTAT
 AAAGTGTGGCAGCATCTGCCCTGAACCTTGAGATGAACCTTGCTGCCGTGCGAGCCCTACCTCTAGACA
 AACATATCAGGAGTTTCTGTTTTCTTCCATCCCTGGGTGATGTGAATAGCCAAGAAGTGCAGACACAACC
 CACTCATTATCAGCATTCTGTCTCTGACAAACAGTTAGTTTATAGATAGTCATAATCTTGCTTCTTCC
 GAATGCTTTCTCCTTGTATACTGAACAGAAAGAGAAAGTATGGAGACTGCAAGATGTGAGTTTTCACTTCT
 CCTCCCTGTGATCAAATATTTTTCTTCAACCCTCCATTCATTTCTCTCTCTCTCTCTCTCTCTCCCT
 CTCTCTCTCTCTCTCTCATATTCTCTCTCCCTCCCCACCCACCCCGGTTCTTTGGCGGGTAC
 ACTGGTACTGAGTGTGCATTACCGGGGAATAACCTAGCACAATCCTAGAAAAGCTGGAGACAGGAAGTC
 CGTAAAGTAAATGTTCTTCTCACCTGGGGCTCAGCAGAGGCCCGCCGGAGTCTTTCTGTGGAGCCTGGTG
 GCCTCCTGACTTCTGTGGCATTACGCCAAGCTGCACAAGTCCCCCTCGATGAGAATTTCTCTTTTCATA
 AAGTTGATGTGAACACCAAAACCCTTACAAAGGCTGACCTCCTCTCAAGTATGAGTTGCCCTGTGTCTG
 GAAAACCATGCTCCTCTAGCTGGGGGCTGCAGCAGAGGACTGCACCCCGCCTCTGGTCTGCAGTGGCCC
 TCTAAAGCAGACTGGCGGCCGCGCAGGAACAACCTTAGCAGCTATCATTATGAGATTTTTTTTTAAAGTAC
 ATTCATACATACTGCTTTGAGTCTGCATTTTATACCACATAATTGTTTAACTCAAATGATTTCAGACAT
 TATAAATAGTCAGCTTTGAATGAATTAAGTGTACCAGAAAAGTCTTGAGTGATTTTTAAATAAGCAATA
 TAAAAGAGATTTTGCATTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_207264

Insert Size: 552 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: [BC052040](#), [AAH52040](#)

RefSeq Size: 2081 bp

RefSeq ORF: 552 bp

Locus ID: 399568

UniProt ID: [Q3U4G0](#)

Cytogenetics: 2 E4

Gene Summary: Plays a role in erythroid cell differentiation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) uses an alternate in-frame splice junction at the 5' end of a coding exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.