

Product datasheet for RC219503

GFI1B (NM_004188) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: GFI1B (NM_004188) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: GFI1B
Synonyms: BDPLT17; ZNF163B
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC219503 representing NM_004188
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCACGCTCCTTCTGGTGAAGAGCAAGAAGGCTCACACCTACCACCAGCCCCGTGTGCAGGAAGATG
 AACCGCTCTGGCCTCTGCCCTTACCCCGGTGCCAGAGACCAGGCTCCAAGCAACAGCCCTGTCTTAG
 CACTCTATCCCAAACCAGTGCCTGGACTGGACCAACCTCAAACGAGAGCCGGAGCTGGAGCAGGACCAG
 AACTTGGCCAGGATGGCCCCGGCACCAGAGGGCCCCATTGTGCTGTCCGACCCAGGATGGGGACTCTC
 CACTGTCCGACTCACCCATTCTACAAGCCTAGCTTCTCTGGGACACCTTGGCCACAACCTATGGCCA
 CAGCTACCGGCAGGCCCTCCACCATGCAGTCAGCCTTCTGGAGCACTCCGTCAGCCTGTACGGCAGT
 CCTTCTGTGCCAGCACTGAGCCCGCTTGGACTTCAGCCTCCGCTACTCCCCAGGCATGGATGCGTACC
 ACTGTGTGAAGTGCAACAAGGTCTTCTCCACCCCTCACGGGCTCGAAGTGCATGTGCGACGCTCCCATAG
 TGGGACCCGGCCCTTCGCTGTGACATCTCGCGCAAAACCTTCGGCCACGCTGTGAGCCTGGAGCAGCAC
 ACGCAGTCCACTCCCAGGAGCGCAGCTTCGAGTGCCGCATGTGCGGCAAGGCCCTCAAGCGCTCGTCCA
 CGCTGTCCACCCACTGCTCATCACTCAGACACGCGGCCCTACCCCTGCCAGTTCTGCGGAAGCGTTT
 CCACCAGAAGTCCGACATGAAGAAGCACACCTACATCCACACAGGTGAGAAGCCGCACAAGTGCCAGGTG
 TGCGGAAAGGCCCTCAGCCAGAGCTCCAACCTCATCACCCACAGCCGCAAGCACACAGGCTTCAAGCCCT
 TCAGCTGTGAGCTGTGCACCAAAGGCTTCAGCGCAAGGTGGACCTGCGGCGGCACCGCAGAGCCAGCA
 CAATCTCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA



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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: [NM_004188.8](#)

RefSeq Size: 1817 bp

RefSeq ORF: 993 bp

Locus ID: 8328

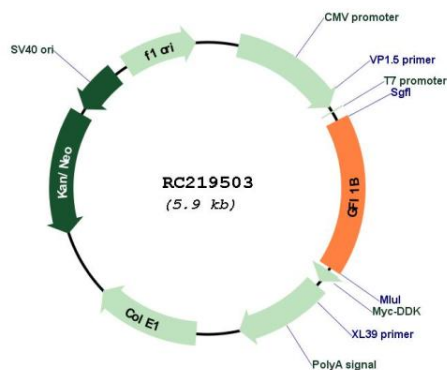
UniProt ID: [Q5VTD9](#)

Cytogenetics: 9q34.13

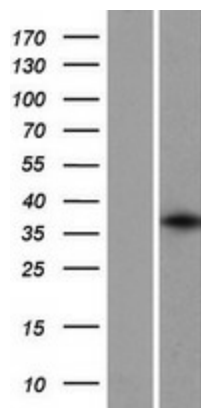
MW: 37.3 kDa

Gene Summary: This gene encodes a zinc-finger containing transcriptional regulator that is primarily expressed in cells of hematopoietic lineage. The encoded protein complexes with numerous other transcriptional regulatory proteins including GATA-1, runt-related transcription factor 1 and histone deacetylases to control expression of genes involved in the development and maturation of erythrocytes and megakaryocytes. Mutations in this gene are the cause of the autosomal dominant platelet disorder, platelet-type bleeding disorder-17. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Aug 2014]

Product images:



Circular map for RC219503



Western blot validation of overexpression lysate (Cat# [LY418158]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC219503 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).