

Product datasheet for **MG221195**

Kif13b (NM_001081177) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kif13b (NM_001081177) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Kif13b
Synonyms: 5330429L19Rik; 6030414C01; AI429803; C130021D12Rik; GAKIN
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG221195 representing NM_001081177
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGGGAGACTCCAAAGTAAAAGTGGCGGTACGGGTCCGGCCAATGAACCGACGAGAAATTGACTTACATA
 CCAAATGTGTGGTGGATGTTGAAGCGAACAAAGTTATTCTGAATCCTGTAATACAAATCTTTCCAAAGG
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 GAGAAGTATGCAGGTCAAGAAGATGTTTTCAAGTGCCTTGGGAGAACATTCTTCAGAATGCATTTGATG
 GCTACAACGCCTGTATCTTTGCTTATGGGCAGACAGGGTCTGAAAGTCTTACACCATGATGGGCACTGC
 TGACCAACCTGGATTAATCCCAAGGCTCTGTAGTGGACTCTTTGAACGAACCCAGAAAGAGGAAAATGAA
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GAGCACGGCATCATAGACATCACGCCCGAGGGCCAGGTTGTGCTGACTCCTCAGAAGAACCAGAACAT
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 CCAGCCTCAGGGAGCCCCAGAGGTCCGCAGAAGTGTACCATCTCGGGCTCTGCCACCACTGGCTTCA
 CTGACAGCTGACTGGCCAAGGGAGACAGGAGTTACAAGAATCCTGAGAACCGGAAGTCTGGGCCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG221195 representing NM_001081177
 Red=Cloning site Green=Tags(s)

MGDSKVKVAVRVRPMNRREIDLHTKCVVDVEANKVILNPVNTNLSKGDARGQPKIFAYDHCFWMSDESVR
 EKYAGQEDVFKCLGENILQNAFDGYNACIFAYGQTGSGKSYTMMGTADQPGLIPRLCSGLFERTQKEENE
 EQSFKVEVSYMEIYNEKVRDLLDPKGSRQTLKVRHSVLGPYVDGLSKLAVTSYKDIESLMSEGNSRSTV
 AATNMNEESSRSHAVFKITLTHLYDVKSGTSGEKVVKLSLVDLAGSERATKGAAGDRLKEGSNINKSL
 TTLGLVISALADQGAGKNKNFVYRDSVLTWLLKDSLGGNSKTAMVATVSPAADNYDELSTLRYADRA
 KHIVNHAVVNDPNARIIRDLEEEKLRQLTKAEAMKSPDKDRLEESEKLIQEMVTWEEKLRKTEE
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 LSCTQSHPPAPEEAHVPAAPTQSTELEVPRAPLLSEPASAVPTSPFRIRKVRTSELKSTGMLGGASSGA
 EEDPLASEDPSNARGQTLGRLEVTSDSEDASEVPEWLREGEYVVVGTNKTGIVRYIGPTDFQEGTWIGVE
 LDLPAGKNDGSIIGKQYFRCPNGYGLLVRPSRVRRAVGTGRRRSSGLQPQGAPEVRRSATISGSATNLAS
 LTAALAKGDRSYKNPENRKSAS

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

- 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_001081177.2](#)

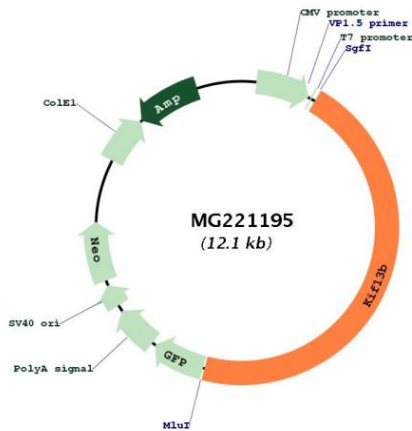
RefSeq Size: 5603 bp

RefSeq ORF: 5532 bp

Locus ID: 16554

Cytogenetics: 14 D1

Product images:



Circular map for MG221195