

## Product datasheet for RC220217

### KIF13B (NM\_015254) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	KIF13B (NM_015254) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KIF13B
Synonyms:	GAKIN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC220217 representing NM_015254 Red=Cloning site Blue=ORF Green=Tags(s)

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**Protein Sequence:**

>RC220217 representing NM\_015254  
 Red=Cloning site Green=Tags(s)

MGDSKVKVAVRIRPMNRRETLHTKCVVDVDANKVILNPVNTNLSKGDARGQPKVFAYDHCWFMSDESVK  
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 EHCIDITSEGOVMLTPQKNTRTFVNGSSVSSPIQLHHGDRILWGNHFRNLNPKKKKAEREDDQDP  
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8019\\_h06.zip](https://cdn.origene.com/chromatograms/mk8019_h06.zip)

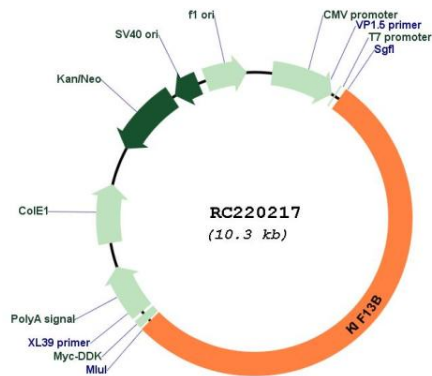
**Restriction Sites:**

SgfI-MluI

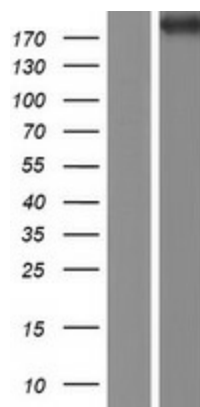


RefSeq:	<a href="#">NM_015254.2, NP_056069.2</a>
RefSeq Size:	8796 bp
RefSeq ORF:	5481 bp
Locus ID:	23303
UniProt ID:	<a href="#">Q9NQT8</a>
Cytogenetics:	8p12
Domains:	FHA, CAP_GLY, kinesin
Protein Families:	Druggable Genome
MW:	202.6 kDa
Gene Summary:	Involved in reorganization of the cortical cytoskeleton. Regulates axon formation by promoting the formation of extra axons. May be functionally important for the intracellular trafficking of MAGUKs and associated protein complexes.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for RC220217



Western blot validation of overexpression lysate (Cat# [LY414681]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC220217 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).