

Product datasheet for **RG239792**

KIF17 (NM_001287212) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | KIF17 (NM_001287212) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | KIF17 |
| Synonyms: | KIF3X; KIF17B; KLP-2; OSM-3 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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ORF Nucleotide Sequence:

>RG239792 representing NM_001287212.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
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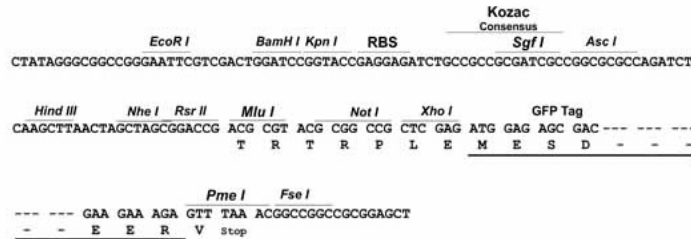
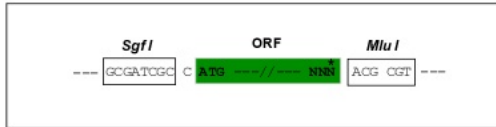
Protein Sequence: >Peptide sequence encoded by RG239792
 Blue=ORF Red=Cloning site Green=Tag(s)

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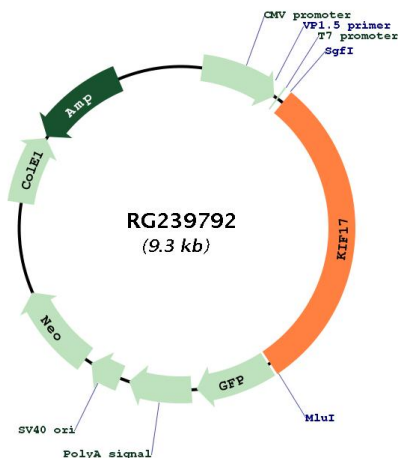
Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_001287212

ORF Size: 2787 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

RefSeq: [NM_001287212.2](#)

RefSeq Size: 4130 bp

RefSeq ORF: 2790 bp

Locus ID: 57576

UniProt ID: [Q9P2E2](#)

Cytogenetics: 1p36.12

Protein Families: Druggable Genome

MW: 104.5 kDa

Gene Summary: Transports vesicles containing N-methyl-D-aspartate (NMDA) receptor 2B along microtubules. [UniProtKB/Swiss-Prot Function]