

Product datasheet for MR220979L3

Troduct datasilect for MR220979ES

Kif20a (NM_001166407) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Kif20a (NM 001166407) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Kif20a

Synonyms: AA415432; Rab6kifl

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Sgfl-Mlul

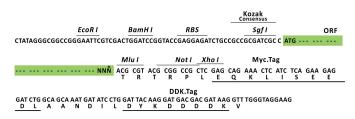
E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(MR220979).

Sequence:

Restriction Sites: Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_001166407

ORF Size: 2664 bp



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Kif20a (NM_001166407) Mouse Tagged Lenti ORF Clone - MR220979L3

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).

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: <u>NM 001166407.1</u>, <u>NP 001159879.1</u>

 RefSeq Size:
 3577 bp

 RefSeq ORF:
 2664 bp

 Locus ID:
 19348

 UniProt ID:
 P97329

Cytogenetics: 18 18.69 cM

Gene Summary: Mitotic kinesin required for chromosome passenger complex (CPC)-mediated cytokinesis.

Following phosphorylation by PLK1, involved in recruitment of PLK1 to the central spindle (By similarity). Interacts with guanosine triphosphate (GTP)-bound forms of RAB6A and RAB6B.

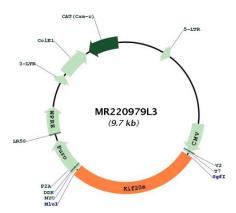
May act as a motor required for the retrograde RAB6 regulated transport of Golgi

membranes and associated vesicles along microtubules. Has a microtubule plus end-directed

motility.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR220979L3