

Product datasheet for **RC239132**

C20orf19 (KIZ) (NM_001276389) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C20orf19 (KIZ) (NM_001276389) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C20orf19
Synonyms:	C20orf19; HT013; Kizuna; NCRNA00153; PLK1S1; RP69
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC239132 representing NM_001276389
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGGGGCGGTCTCCTTCGGCAACCCCGGCCGAACGGCCACCCAGAGGCTGTGCTGAGCTGGCGCAGC
 GGCAGCAGCATGAGCCGACCCTCGCATCGGCCGTGCCCTGTGAGTCCCGACTACTACGAGAGGCTGG
 GCCAACTCCAGCACGGGTGCGGGACAGCTCGAATATGAGACTCAAATTAAGAAGATGCTATGCTCAAAA
 GATAGCCTGGGACTAAAAGAGGAAGTACAGATGAAGACAGAGAAAAGTTGCAGTGACAGAGGGGATTA
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 AAAATTGCTTCGAAGCTAGTTTTTCTAGTGAAGGAAGTCTTTGTCAAGGCATGAAAACAAAAGA
 AAGCCGTCATCAATTTAAATCTAATGCCCTCTGGGATGAGTCTGATGACAGTAAGTCAAGAAATTGAGGC
 TGCTTTACGCCCCAGAAACCATAACACCGATGATTCTGATGATTTTTATGAC

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 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

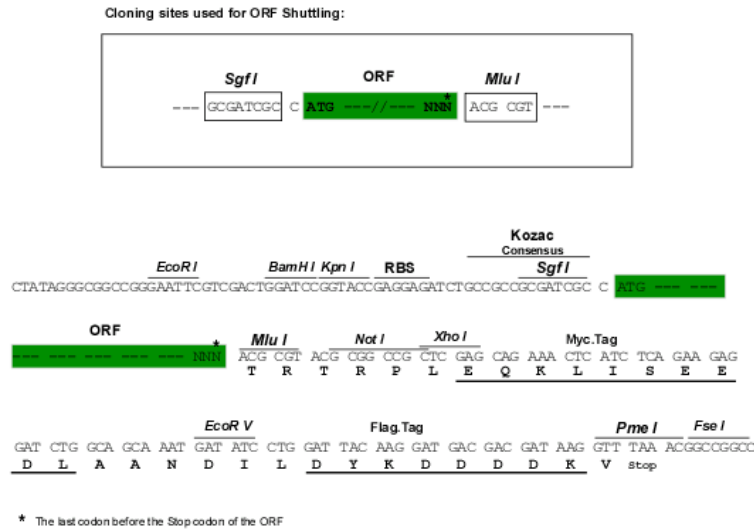
>RC239132 representing NM_001276389
 Red=Cloning site Green=Tags(s)

MVGRSPSATPAERPPRGCAELAQRQQHEPDPRIGRAPVESRLLREAGTPARAAGQLEYETQIKKMLCSK
 DSLGLKEELTDEDREKVAVHEGINSGTAMSRGLYQPATIFMGRQMSAILSMRDFSTEHKSPQPTKNFSIP
 DPHSHRQTAQSSNVTDSVQTSNDTQCLNKSNDIDGKASLQIGEKMPVTASVLSSEEQTHCLEIGSNTR
 HGKSNLSEGKSAELNSPLRERLSPENRTDLKCDSSSGSEGEILTREHIEVEEKRASPPVSPPIVSEYC
 ESENKWSQEKHSPWEGVSDHLAHREPKSQKPFKMQEEEEESWSTSSDLTISISEDDLILESPEQPNG
 GKMEGEDGIEALKLIHAEQERVALSTEKNCILQTLSSPDSEKESSTNAPTREPQTPDSVDPRAQVQHV
 ATLKEHDNSVKEEATALLRKALTEECGRRSAIHSESSCLPSILNDNSGIKEAKPAVWLNVSPTREQEV
 SSGCGDKSKKENVAADIPITETEAYQLLKATLQDNTNQNTENRFQKTDASVSHLSGLNIGSGAFETKTAN
 KIASEASFSSSEGSPLSRHENKKKPVINLKSNAWDESDDSNSEIEAALRPRNHNTDDSDDFYD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001276389

ORF Size: 1872 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).

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

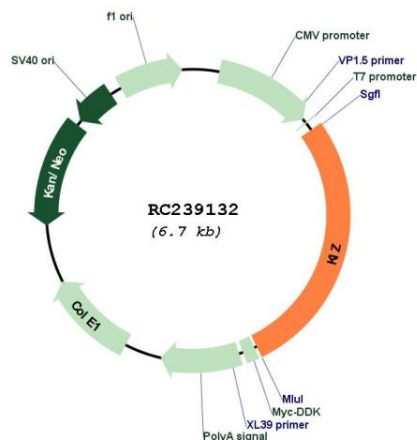
RefSeq: [NM_001276389.2](#)

RefSeq Size: 2103 bp

RefSeq ORF: 1875 bp

Locus ID:	55857
Cytogenetics:	20p11.23
MW:	69 kDa
Gene Summary:	The protein encoded by this gene localizes to centrosomes, strengthening and stabilizing the pericentriolar region prior to spindle formation. The encoded protein usually remains with the mother centrosome after centrosomal duplication. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2013]

Product images:



Circular map for RC239132