

Product datasheet for **MR224872**

Kiz (NM_001033298) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kiz (NM_001033298) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Kiz
Synonyms:	Gm114; Ncrna00153; Plk1s1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR224872 representing NM_001033298
 Red=Cloning site Blue=ORF Green=Tags(s)

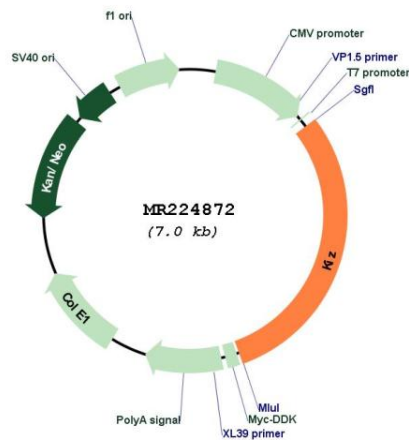
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGAGGGCGCGGTGGCGGTGGTGGCTGCCAGGCCTCCGCCACCTCTGCCCCTTGCGCA
 GCCCAGCTACTACGAAAGGGTGGGCCAGCTCCAGCAGGCTCTGCGGGACAGTGAAGAAGAGATTGGA
 CCTGGAAGACAAGCTTTATGAATACAATAAATCTGATAAGTGCAGAGCTAAGCTGAAATGTGAAAACTA
 AAGAAATACCTGAAGGAAGTATGTGAGTCTGAGAGGAGGGCTCAGGTTGAAACCAAGGATATTTAAAGA
 AGTTTGAATGTGTCCAGACGTATGTTGAACACTTGACCACAAATACAGAGAAGCTTCAAAAAGTGAAGAC
 TGAATATGAGGCTGAAGTGAAGAGGATGCGCCTCTGTCAAAGGATAGCCTGGGAATGAGTGACGAAGAC
 GGAGCAAAGGATGCAGTGCAGGCAGGAATTAACCGGGGACAGCTATGTCAAGAGGATTGTATCAACCAG
 CAACAATCTTTATGGGCCGCAAAATGTCAGCCATCTCAAGCATTGAAGATTTAGTACAGAGCTGAAATC
 TAACCAACCCACAAAGAAGCTTTTCAATCTCTGACCCACATTCACACCAACAGACAGCCAGAGCAGCTGT
 GTGACAGACAGCTGTGTAGTGCAGACTAATGGTGCACACAGTGTAAATAAGTCTGACAAAATACATG
 GAAAGACATCTTTCAGACTGGTGAAGGCGCCAGTCAAGCTATGTATTGTCTGCAGAAAGAAACAAAC
 TCATTGCTTGGAGATAGGAAGCAGCACACAGCAGCAAGAGTAATTTATCTGAAGGCAGAAAGTCTGCT
 GAACTCCATTCCTCGTTACAGGAAAGATTAAGTCCAGAGAACAGCATCACTGATTTAAAGTGTGACAGTT
 CCAGCAGATCAGAGGGATCAGACAGAGAAATACTGACACAAGAACATATTGAAGTCAAGGAAAGAAAGAGC
 CGGCCCGCTGGTCCCATGATGGCAGCTTCAGAACACTGTACATCTGCAAAGAAGTGGGCTGGAGAGAAG
 CATTCTGCTTGGGAAGCTTCTCAGATGATCTTGACCACGGGGACTCAAAGTACAGAAAGGCCGCTCTGA
 AACATGAGGAAGAGCAGGAGGAGGAAGCTCATGCAGCAGCAGCGACCTCACAGTTTCTGTCAAGTGAAG
 TGATCTGATTCTAGAGAGTCTGGCCGCACTGTGCAATCCAGGAGCCAAGATGGCGGGCAAAGATGGAATG
 CAGGCCTTGCAGCGGCCACACTGAACCAAGACAAGATTCGCTCTTACGGAATATGTTTTACAGACCC
 AAAGCTTCTGATTCAAAAAGGGAACCTCCCCAGATTCACCAAGACAACCTGAAAAAGTACCAGATTG
 TCATTATTGAAGACACGAGGGCAATGTATGAAGGAACATGATAATTCCTTAAAGAGGAGGCAACAACA
 TTATTGAAAAAGTCCTTACAGAAGAATGTGACCATAGGTCAGCTATTCACAGTAATGAATCATCTTGCA
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 TCTTACAAGGGAACAAGAAGTTTCAAGTGGCTGTGGAGATGAGAGCAAGGAAGAAAGCATAGCTGCGGCC
 CCAGGCACAGGACACAGAGAGGGGATCTAGTACCCTCAGAACTGTTTCAGTTCAGCTTGGGAGCAGCCA
 TGAAGAAACAAAAGCCTACCAGTACTGAAGAAGTCTACCCTCAGGACAATTCAAATCAAGCTGAAGA
 GAGATTTGAAAGTCAGTTTTTCAGGCTGGATATTGGTGGCAGCATGTTCAACAACAAAGACAGCCACAAA
 ATCGCCTCGGAAGCTAGTTTTTCATCTAGTGAAGGAAGTCTTTGTCAAGGCACGAAAGCAAAGGGACC
 CAGTGACCACATAAAGTCAAAATGCCTTCTGGGGGAGTCTGATGACAGTAACTCTGAAATCGAAGCTGC
 CCTACGTCCTAGAGACCATGACATGCCCGATGATTTTGATGATTTTTATGACACA

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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:	<ol style="list-style-type: none"> 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_001033298.4</u>
RefSeq Size:	2150 bp
RefSeq ORF:	2088 bp
Locus ID:	228730
UniProt ID:	<u>Q3UXL4</u>
Cytogenetics:	2 G2
MW:	77 kDa
Gene Summary:	Centrosomal protein required for establishing a robust mitotic centrosome architecture that can endure the forces that converge on the centrosomes during spindle formation. Required for stabilizing the expanded pericentriolar material around the centriole.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR224872