

Product datasheet for RC223211

KIAA1614 (NM_020950) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA1614 (NM_020950) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KIAA1614
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC223211 representing NM_020950 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGGAGGGGACAGAGGGCGGGCGGCCAAACCCGCGGGCGGCAGCCCCAAGGGCCAAGACAGGGAGTG
GAACAGCCAGCCCCGTGGAGGGGACCTCAGCTGTGGAGTGGAGTGGTCTGAGCCACAGCTGGATAACGG
ACACCCCCAAGACCCTGGCCTTGCCCTCAGGAAAACAGAATCCAGCCTGATGGCCCCCAGCCTCCC
AGGGTATGGGGAGTACAGCTCCAGGGCCCTCTGTGCTGGAATCCAAGGTGAGGGCTTTGAAGGAGAAGA
TGACAGTGGCCAAACAGGGAGTGAGTCCCTGCTGCTTCCCAAGAGTGGTCATCCCCAAGAAACCCCA
ATGCAGACGAGGCAAGGCAGGGAGAGCCGGGACTCCATCAGAGGGGTCTTCTGCCAGGTGCTGTGGTG
GCTCCTCGTACCCAAAACCTGCCTGATGGGCAGCTGGACGGCAGCATCAATGAGGAGCAACCCGCCAGGG
ATGGAGGGCCCAGGCTTCCCAGGCCGCTGCCCTGGACGTGAGTACTGCAACAGGGGGAGCCCGTGGCC
TCCAGAAGCCGAATGGACACTTCTGACCATGACAGAGTCCGCTGCTGGGGCCAGCTCTTTGCAACAG
AGCCCGATCCATGGAGTTACTCCCGACGGCCTGGGGTCTGGTATTGTAACAAAATCATCCACATTC
CCAGCCCAAGGACAGGAAGTCTACCTTTTCCAGATGGCGTGGTACAGAGGCAGATCTGGATAGCAC
ATCCCTGACCTCCGAGGAGTCTTTGTCCCGAGGACGGCCCTGCTGGGTGAGCGTGGAGAGCTGGAGAC
CTGGAGGCTCTGGGCGCTGGGAGCAGTGTCTTGTCCCTGTCTGATCGGGTGGAGAGAAACCGCCTGTTGC
TGCAGGAGATGCTCAACGTTTCTGGGCAGAGCCCCGCAAGGTGGGAACCCCTGCCTGGACTCCATCCTG
GGACACAGCTGCACCAGAGCGACCAAGTGGGGATGTGGACTGGGCTCGGGCACCTCCTTGACAGGACTCC
GGCCAGAACAGGACCGTTGGTCCCAACCCGGAGCCTGTGCTGAGCCCCAGGCATGAGGAAGCCACGCATC
TGCTGCAGCGTGGCCGATGAAGGCCAGGACCCGGCCCCCTCCGTGCCAGCCATGACATCGTGCCACCAT
TACCCAGGGCAGCCGAGATGGCCACAGAAGCCAGCCCGGAGCCAGGACGACCCTGCCTGCAGAGAC
AGCCTCCAGAACGGGCACACGAGCGATTCTCCAGCGGAGAGTCCAGCGTGGGCACAGGCCGAGGCGGG
GCCCTCGCCGTCGCACGTGCGCTTTGAGGATGAGTCCGCCCGGAAGCCGAGTTCCGTCACCTGGAGCG
GCTGCAGCAGCGCCAGCCAGGTGCTGAGCACCGTGTTCAGGCCGCGGACAGGGCCCTGCGCTCC
AAGCCCCGACTCGCCGACTACATCAACGGGCTCCCGGCTCCGGGACCGGGGACAGGGGACATTCCACA
GGCTTGTGGGCAGCCTGGACCGAGGGACACCCGGCACCCGGCACCCGGGACCGGAGAGGAGGTGCCA

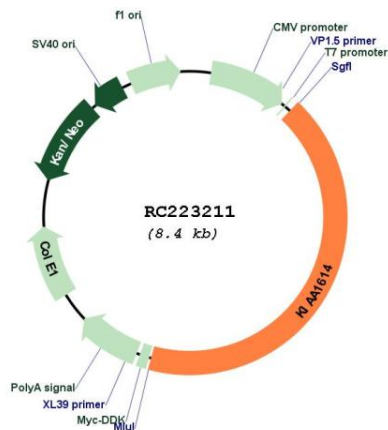


[View online »](#)

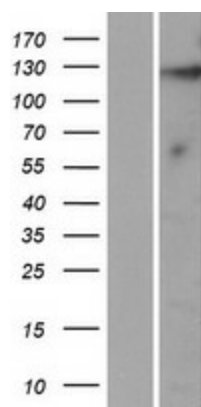
GGCCTGCGGCAGCTGCATCGACGACCCGCGCCCCGCCAGGGGAAGGCGCCCCCGTCCCCAGGACCTC
CAGGAGCTCCAGGCTGCCTGTGGGATGGAGAGGGTGTGGGTGGCCTGAGCTCCCCACTCCGGCTCCTTC
CTGCAGAGCCCCGGCTCCACATGGAATGGATCCGGGAAACACACATCGGAGACACCGTGTGCCCTGCGGA
GGTGGACTCTGCCCTGGACAGCAGACAACTCTGACAACTGCAGGACCGACAGTGAGGAGGCGGGGACC
TCTCAGGCTGGCTGGCGTGTGGCGGACCCAAGGCAGCAGCCCCGCGACTGCGACTGCGGGGCTCCAGGC
CTCGAGGCCACAGGTGGTCCAAGAAGGCTGAGGCGGAGCTCCCTTGGGGCCTTCAGGCCAGCAACACT
GCCTAGGGCTGATGATGTGGAGTGAAAAATGAGGTGAAAGAGGCGAGGACACACGCCTGAAGGAAT
CTATTTTTGAGAGAAGATGCCAAGCCTCCTGACCTGGAGTTGAAGCGGGTGTCCCTGGGACCCAGTGGC
AGCCTGGACCAGGGCTGGGAAGTCAACAGCCTCACCCCTTGGATTCCCGGACTCCATGCAGGACAGCCTA
TGCCACCACCGCCCCATGACGCCTGAATCATCGGGGCCAGGAGGCCAGGCCAGGTTACAGAAAGCCAC
GAGTCCCTGGAAATTGTCTCTCCTTCTCCCTGCAACAGAGCCATGCAGAGCCTTCTGCCCCACACCAAG
CCTGGCAGCCAACAGCTTCTTGTGTCTGAAGGCTGGCGCCAACCCCTCCCCCTTCGAGGAAAACAC
CTCGCCAGTGTCTCACAGGAAGGCAGCCCTGGCTGGACTGCTCAGGCTGGGTGACCAGACAGAGCCTGTG
GGTATCCCTCGGCTCCTCAAGAAGCGCGTTCTCAGGACTGTGAGCTGCCCCATCACAGACCAGC
CCAGCCGCCCTCAGGTCAGGCACCCACTGCTGGCCCTGTCCACCAACAACACTGCAACAACAGCGCACCTCG
GGGGCTGCAGGAGCCCTACGGGGGAGCCGTCCACGAGGGTAGGGTGGAGAGGGGGCCCTGCAGCCGGAA
CCGGAGCCGCCCTGGAGAACAGCAGAGATGGAGGACCCAGGGCTTTCTTGGCTCAGCAGATGTTGCCA
CCATCAACTCCACGGGCATCACCTCTCCTGTCTCAGAGGAGTCCAGAGTCCAGCAAGGAATCAGAGGG
AAGCCTGCAGAGGACAGGGTCCAGGATCTGGAGGACATGTGCTGTCAAGAGCATCAGCAGGAGCTGGCACA
GGACCCGGCTCCCCCTCGGCTGCCCTTGGACCAGAACAAGAAAAGGAGCAGCAGCATAGCCTCCACCC
TGGGGCTGAAAAGCTCTTCTCAGCCCTGGGCCAGAGTCCCGGCCAAGCTGGGCAAGTCCCGCAGCTA
CAGTGTGGAGCAGTTGCAGCCCGCCCCGCTGGCCTGACGTACAGTCCAGGGCCCCATCGTTACAATCC
CTGCACCCGGTGTACCCTCTCACCAGCGTCGGAAGCTGCCTCTTTTCAGAACCTCCATTCTCTGCTGA
GCAGCAAGGGGAACCGGTCCAGCCTCTACCTGGTAGCAGGGCCAGGGGACCACAGTGCAGCTGGCAGGCC
GGCCAAGACTTACCACGGCGTGCCTCAGTGTGGAGGACGTGGGTGCTCCAGCCTGGCTCGCACCCTG
GGCCGCTGTTGGAGGTGTTCCAGACGGCACCAGCCAGCTGCAGCTGCAGCGCTCCCCAGGGGGCACTT
TCGGCTTCTGCGTGGCCTCTGGGAATGGGCGCCAGACTCAGGTATGCCCTCTCCTTCTCAGCCCCA
TGGCTGGGGCGGCTTAGCAAACAAGGCAGGGCCTTCTGGCTGTGGTCCAGAGGCTTTTCTGGTCTTTGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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:	<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:	NM_020950.2
RefSeq Size:	4155 bp
RefSeq ORF:	3573 bp
Locus ID:	57710
UniProt ID:	Q5VZ46
Cytogenetics:	1q25.3
MW:	126.4 kDa

Product images:


Circular map for RC223211



Western blot validation of overexpression lysate (Cat# [LY412175]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC223211 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).