

Product datasheet for RC217376

C22orf9 (KIAA0930) (NM_001009880) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C22orf9 (KIAA0930) (NM_001009880) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C22orf9
Synonyms:	C22orf9; LSC3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC217376 representing NM_001009880 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGCGTGCCATAGCGGAGGAGCGCGGCCGTCTTAGCCTGCGCCGCGAGGTCTGCGGCCTCGGGTGT
TCAAGGATGACCGCATCGTCTTCTGGACTTGGATGTTCTCCACCTACTTCATGGAGAAATGGGCTCCCCG
GCAGGACGACATGCTTTCTATGTGCGCCGGAAGCTGGCGTACTCCGGCAGCGAAAGCGGTGCAGACGGG
AGGAAGGCAGCTGAGCCTGAGGTGGAGGTGGAGGTGTACCGCGGGACTCCAAGAAGCTGCCAGGCCTGG
GAGACCCTGACATCGACTGGGAGGAGAGCGTCTGCCTGAATCTCATCCTGCAGAAGCTGGACTACATGGT
GACCTGTGCGGTGTGCACACGTGCTGACGGCGGGGACATTACATCCATAAGAAGAAATCTCAGCAAGT
TTCGCGTCCCCAGTAAACACCCATGGACAGCAAGGGGGAGGAGTCCAAGATCAGCTACCCCAACATCT
TCTTATGATTGACAGCTTCGAGGAGGTGTTACAGCGACATGACCGTAGGGGAAGGAGAGATGGTCTGTGT
GGAGCTGGTGGCTAGTGACAAAACCAACACGTTCCAGGGGGTCACTTTTCAGGGCTCCATCCGCTACGAG
GCGCTCAAGAAGGTGATGACAACCGGGTGAGCGTGGCCGCCCGCATGGCACAGAAGATGTCGTTTGGCT
TCTACAAGTACAGCAACATGGAGTTTGTGCGCATGAAGGGCCCCAGGGCAAGGGCCACGCCGAGATGGC
GGTCAGCCGAGTGTCTACAGGTGACACATCCCCCTGTGGGACTGAAGAGGACTCCAGCCCAGCTTCGCCC
ATGCACGAGCGGGTGACCTCCTTCAGCACACCCCCACCCAGAACCGGAACAACCGCCCTGCCTTCTTCT
CCCCATCCCTCAAGAGGAAGGTGCCCGGAACCGGATCGCTGAGATGAAGAAGTCCCACTCGGCCAACGA
CAGCGAGGAGTTCTCCGGGAGGACGACGTTGGAGCCGATCTGCACAATGCAACCAACCTGCGGTCTCGG
TCCCTGTGCGGCACAGGACGGTCCCTGGTGGGTCTGGCTGAAGCTGAACAGAGCAGATGGAAACTTCC
TTCTCTATGCACACTAACCTACGTACGTTGCCGCTGCATCGGATTTAACAGACATCCTGGAAGTTCC
GCAGAAGCCATCCTGATGACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC217376 representing NM_001009880
Red=Cloning site Green=Tags(s)

MLRAIAEERGRSLRREVCGLGCFKDDRIWFWTWMFSTYFMEKWAPRQDDMLFYVRRKLAYSSESADG
 RKAAEPEVEVEVYRRDSKLLPGLGDPDIDWEESVCLNLILQKLDYMTCAVCTRADGGDIHKKKSQQV
 FASPSKHPMDSKGEEKISYPNIFFMIDSFEEVFSDMTVGEEMVCVELVASDKTNTFQGVIFQGSIRYE
 ALKKVYDNRVSVARMAQKMSFGFYKYSNMEFVRMKGPKQKGAEMAVSRVSTGDTSPCGTEEDSSPASP
 MHERVTSFSTPPTPERNNRPAFFSPSLKRKVPNRNRIEMKSHSANDSEEFFREDDGGADLHNATNLRSR
 SLSGTGRSLVGSWLKLNADGNFLLYAHLTYVTLPLHRILTDILEVRQKPIILMT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8057_f07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_001009880

ORF Size: 1212 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.

RefSeq: [NM_001009880.2](#)

RefSeq Size: 6215 bp

RefSeq ORF: 1215 bp

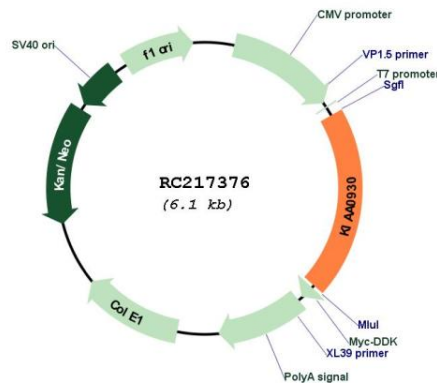
Locus ID: 23313

UniProt ID: [Q6ICG6](#)

Cytogenetics: 22q13.31

MW: 45.6 kDa

Product images:



Circular map for RC217376