

Product datasheet for **RR211761**

Dolk (NM_001107826) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dolk (NM_001107826) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dolk
Synonyms:	Tmem15
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR211761 representing NM_001107826
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCCGACAGTGCCCTCCCAAGCCCGGAGTCTGGTTCGCGCTGAGCGGGTCACTGCTGGCGGAGG
 CTGCAGTGGTGTTCGCAGTGGTCTGAGCATCCACGCTGCAGTGTGGACCGATACTCCTGGTGCGCCGT
 GGCTTAGCAGTGCAGGCCTTCTACGTCCAGTACAAGTGGGACCGCTGCTCCAGCAGGGGAATGCTGTT
 TTCCAGTTCGGAATGTCGCGAACAGTGGCTTACTACCGCCTCCATGGTCATGCCTTTGCTGGGCTGG
 TCATGAAGGAGCGCTGCCTGACTGCAGGAACCCATACTTCGAGCGCTTCGGCATTGTGGTTGCAGCCAC
 TGGCATGGCAGTGGCCCTCTTCTCCTCGGTGTTGGCACTGGCATTACTCGCCCGGTGCCACCAATACT
 TGTGCCATCTCGGGTTGGCCGGAGGTATTATCATTTATATTATGAAGCACTCGCTCAGTGTGGCGGAGG
 TGATCGAGGTCTGGAAGTCTGCTAATATTCGTTTATCTCAACATGATCCTGCTGTACCTGCTGCCCG
 CTGCTTACTCCTGGGGAGGCACTGCTGGTATTGGGTGGCATTAGCTTCGCTCCTCAACCAGCTCATCAAG
 CGCTCTGACTGAAAGCCAGGGGGACCAAGTGGACTTCTCCTGTTGGTGGTGGTGGGGATGGTGC
 TCATGGGTGTCTTTTTCAGCACCTCTTTGTCTTCATGGATTCCGGCACCTGGGCCCTCTTCTATCTTCTT
 CCACCTCATGACCTGTGTGCTGGCCCTTGGTGTGGTCTGCCCTGGCTGCACTGGCTCATTTCGATAGGAAC
 CCCCTGCTCTGGCTTCTCAGTTCCTTCTACACAGAACTCGCATCTACCTCCTAGCCTATTGGTCTCT
 TGCTGGCCACCATGGCCCTGCCTGGTGGTGTGTACCAGAATGCCAAGCGGTATCTTCTGAGTCCAAGAA
 GCACAAGGCTCCTACCATTACCAGAAATTTCCACTCATTGTGGTGGCCACTTACATCCCGGTATC
 ATCTTTGACCGGCCACTGCTGTATGTGGCCGCCACCGTGTCTGGCCGCTTTCATCTTCTGGAGTATG
 TGCCGATTTTTCAGAAACAAGCCCTGGGTACACTCTGCGCAGCCTTCTGTCCCTTCCCTGATGAAC
 GGACAGCGGGCCCTCATCCTGACGCACATCTACCTGCTTCTGGGCATGTCTCTTCCCATTTGGCTGATC
 CCCAGACCCTGTGCACAGAAGGGCAGCCTCGGAGGAGCAAGAGCCCTGGTCCCCTATGCTGGGTCTGG
 CTGTGGGTGTGGGCGATACTGTGGCCTCCATATTTGGCAGCACCATGGGGGAGATCCGCTGGCCTGGAAC
 TAAGAAAACATTCGAGGGAATATGACATCTATATTTGCACAAATCATCTCTGTGGCTCTGATCCTAATC
 TTTGACAGTGGAGTAGACCTGAACACAGCTATGCTTGGATTTTGGGTCCATCAGCACTGTGTCGCTTC
 TGGAAGCATACAACTCAGATAGACAATCTCCTGTTGCCCTCTACCTACTGATTTTGTGATGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR211761 representing NM_001107826
 Red=Cloning site Green=Tags(s)

MTRQCPPQAPESGFALSGSVLAEAAVVFVAVLSIHAAVWDRYSWCAVALAVQAFYVQYKWRLLQQGNAV
 FQFRMSANSGLLPASVMPLLLGLVMKERCLTAGNPYFERFGIVVAATGMAVALFSSVLALGITRVPVPTNT
 CAISGLAGGIIIIYIMKHSLSVGEVIEVLEVLLIFVYLNMILLYLLPRCFTPGEALLVLGGISFVLNQLIK
 RSLTESQGDVPVDFLLVVVGMVLMGVFFSTLFFVMDSGTWASSIFFHLMTCVLGLGVVLPWLHVLIRRN
 PLLWLLQFLFYETRIYLLAYWSLLATMACLVLYQNAKRSSSESKKHAPTITRKYFHFIVVATYIPGI
 IFDRPLLVAATVCLAVFIFLEYVRYFRIKPLGHTLRSLLSLFLDERDSGPLILTHIYLLLGMSLPWL
 PRPCAQKGLGALVPYAGVLAAGVGDVAVSIFGSTMGEIRWPGTKKTFEGTMTSIFAQIISVALILI
 FDSGVDLNYSYAWILGSISTVLSLEAYTTQIDNLLLPLYLLILLMA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

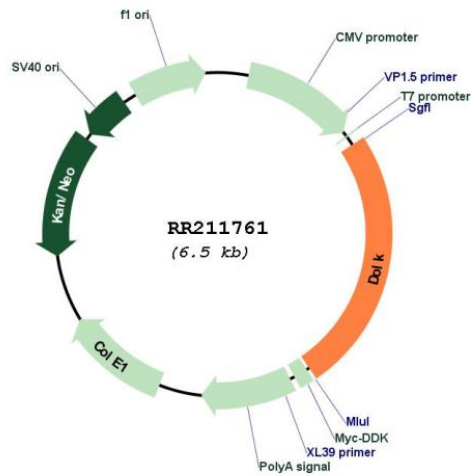
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001107826
ORF Size:	1608 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:	<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_001107826.1 , NP_001101296.1
RefSeq Size:	2039 bp
RefSeq ORF:	1611 bp
Locus ID:	311847
Cytogenetics:	3p12
MW:	59.2 kDa