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Product datasheet for RR205924

Wrap73 (NM_001014262) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wrap73 (NM_001014262) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wrap73
Synonyms:	Wdr8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

ORF Nucleotide Sequence:

>RR205924 representing NM_001014262
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAACTTCTCAGAGTCATTCAAGCTCTCGGGCCTGCTCTGCAGGTTCTCCCCGGACGGCAAGTACCTGG
CTTCCTGTGTCCAGTACCGGTTAGTGGTCCGGGATGTGACGACCCTTCAGATCCTTCAGTTGTATACATG
CCTGGACCAGATCCAGCACATAGAGTGGTCAGCAGACTCCCTCTTCATTCTGTGTGCCATGTACAGACGG
GGGATTGTGCAGGTCTGGTCACTGGAGCAGCCAGAATGGCACTGCAAGATCGACGAGGGCTCTGCAGGGC
TGGTCGCTTCCTGCTGGAGTCCAGACGGCCGCCACATTCTGAATACAACGGAGTTCCACCTGCGAATAAC
CGTCTGGTCCCTGTGCACCAAGTCTGTATCTTACATCAAGTACCCCAAAGCCTGCCAGCAGGGACTGACT
TTCACCAGAGATGGCCGCTACCTGGCCTTGGCGGAGAGGCGAGACTGCAGAGATTACGTGAGCATCTTCG
TGTGCAGTGACTGGCAGCTCCTCCGGCACTTTGACACAGACACCCAGGATCTCACAGGGATCGAGTGGGC
CCCGAATGGCTGTGTGCTGGCAGCGTGGGACACCTGCTTGGAGTACAAGGTTCTGCTATACTCCTTGGAC
GGCCGCCTGCTGTCAGCATACTGTGCCTATGAGTGGTCCCTGGGCATCAAGTCTGTGGCGTGGAGTCCCA
GCAGTCAGTTCCTGGCCATTGGGAGCTACGATGGAAAGGTGCGCCTCCTAAATCACGTGACCTGGAAGAT
GATCACGGAGTTTGGGCATCCTGCAGCCATTAATAATCCCAAGACAGTGGTGTATAAGGAAGCTGAGAAG
ATCTCCCAGCTGGGGTTGGGCCACCTGTCCTTCCCACCACTCCGAGCAATGGCTGGTGCCCTCTCGACCT
CAGAGAGCAAATATGAGATCGCCTCAGGACCAGTTTCCTTGCAGACTCTGAAGCCGGTAGCTGACAGAGC
GAACCCCAGGATGGGTGTAGGGATGCTGGCTTTCAGCTCAGACAGCTACTTCCTGGCATCAAGAAATGAC
AATGTCCCCAATGCTGTCTGGATCTGGGACATTCAGAAGCTGAAGCTGTTTGTGGTCCTAGAGCATATGT
CTCCAGTGCGCTCATTTCAGTGGGACCCACGGCAACCAAGGCTGGCCATCTGCACAGGAGGAAGCAAGGT
GTACCTGTGGTCCCCAGCAGGCTGTGTGTCGGTGCAGGTACCCGGGGAAGGTGACTTTCCAGTGCTTGGA
CTGTGCTGGCATTTAAGTGGGGATTCCTTGGCCCTCCTTGGTAAGGATCACTTCTGTCTTTGCTTCCTGG
AGACCAAGGAGAGGGGCACAGCCTATGGACAACGGGATGGCATGCCTAGGACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

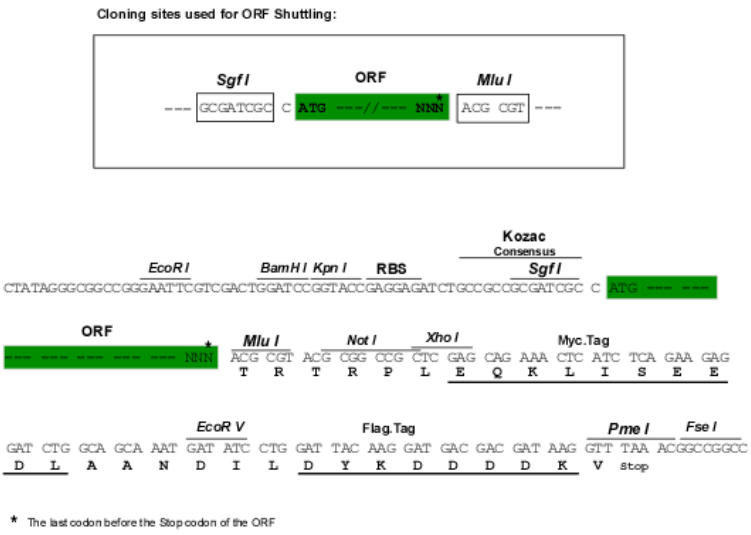
>RR205924 representing NM_001014262
Red=Cloning site Green=Tags(s)

MNFSESFKLSGLLCRFSPDGKYLASCVQYRLVVRDVTTLQILQLYTCLDQIQHIEWSADSLFILCAMYRR
GIVQVWSLEQPEWHCKIDEGSAGLVASCWSPDGRHILNTTEFHLRITVWSLCTKSVSYIKYPKACQQGLT
FTRDGRYLALAERRDCRDYVSIFVCSDWQLLRHFDTDTQDLTGIEWAPNGCVLAAWDTCLEYKVLLYSLD
GRLLSAYCAYEWSLGIKSVAWSPSSQFLAIGSYDGKVRLLNHVTWKMITEFGHPAAINNPKTVVYKEAEK
ISQLGLGHLSFPPLRAMAGALSTSESKYEIASGPVSLQTLKPVADRANPRMGVGMLAFSSDSYFLASRND
NVPNAVWIWDIQKLKLFVVLEHMSPVRSFQWDPRQPRLAICTGGSKVYLWSPAGCVSVQVPGEGDFPVLG
LCWHLSGDSLALLGKDHFCLCFLETKERGTAYGQRDGMPRT

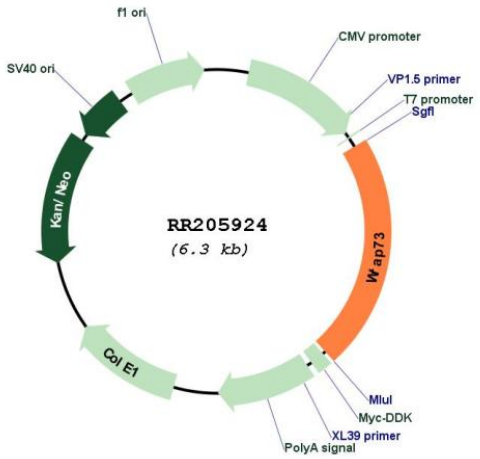
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001014262

ORF Size: 1383 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_001014262.1, NP_001014284.1
RefSeq Size:	1578 bp
RefSeq ORF:	1386 bp
Locus ID:	366515
Cytogenetics:	5q36
MW:	51.9 kDa