

Product datasheet for RR202795

Wbp4 (NM_053766) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wbp4 (NM_053766) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wbp4
Synonyms:	Fbp21
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR202795 representing NM_053766 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGACTACTGGAAGTCACAACCGAAGAAATCTGTGATTACTGCAAGTGCTGGATAGCCGACAATA
GGCCTAGTGTGAATTTTCATGAAAGAGGAAAGAACCACAAGGAAAATGTGGCCAGGAAGATCAGCGAGAT
TAAACAGAAAAGCCTGGATAAGGCAAAGGAAGAAGAAAAGGCATCCAAGGAGTTTCTGTCATGGAGGCG
GCTGCCCTGAAGGCATACCAAGAGGATCTGAAAAGGCTTGGCTTGCAGTCAGACATTTTCAGAGCCAACTA
TATCACCAGTCACCAACACTGTCCAGCCACCCTACAGCAAATCAACAGAAAGAGAAGAAAAAGAA
GAAAAAGAAAGAGGCTTCTAAGGGTAGATGGGTGGAAGGCGTAACAGCCGACGGCCACTGTTACTATTAT
GATCTCGTCACAGGAGCATCTCAGTGGGAAAAGCCAGAAGGATTTCAAGGGAACCTAAAAAGACAGCAG
CGAAGGCCATTTGGGTAGAAGGTTTAAAGTGAAGATGGCTACACCTATTACTATAATACAGAAACAGGAGA
ATCCAAATGGGAAAAGCCTGATGATTTTCATCCACATGGTGGTGTGTGCTTTCTAGTAAGGACAGTGAA
AAGTTACCTGACACCCTAGAAGACTCCTCAATCATCCGATTTCTCACAGCGATTCTGATGAACAGAAGA
AAGCGGGAGAGGCCTCTGCAGAAACAAAGAAGCTAATAATCAAGTTTAAAGGAAAAAATAAAAGTACTGA
GAAAAGAATTGGCCAGAAATACAAAAAGAAAAAAGTCTCAAAACAGAACCCATCAAATACAAATGAA
GAAAAACCCAAAAGTCCGAAAGAAATCGACAAACCTTATGGGGAATGGCAAGAAATTAACAAGAGGCGG
AGTCTCAAGAAGAGGTCGATTTGGAAGTCCAAGCACTGAAAATGAATGTCTATCAAGTTTCAAGAGCTGG
TGCTGGGGAAATCAAAGTGGTATTTAAAGAGAAAAAGTCTTCTCTGGGAGTTGCAGCAGATGGAGTG
GCCCCAGTCTTCAAAAAGAGAAGAATTGAAAATGGAAAATCTCGAAATTTAAGACAGCGAGGTGAGGACG
AG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR202795 representing NM_053766
Red=Cloning site Green=Tags(s)

MADYWKSQPKKFCDYCKWIADNRPSVEFHERGKNHKNVARKISEIKQKSLDKAKEEEKASKEFAAMEA
 AALKAYQEDLKRLLGLQSDISEPTISPVNTVQPTPTANQQKEKKKKKKKKEASKGRWVEGVTADGHCYYY
 DLVTGASQWEKPEGFQGNLKKTAAKAIWVEGLSEGYTYYYNTEETGESKWEKPDFIPHGDDVLSKSDSE
 KLPDTLEDSKSSDSHSDSDDEQKAGEASAETKKLIIFKFEKNKSTEKRIQPEIQKEKTPKQNPSTNE
 EKPKTPKKSTNPYGEWQEIKQEAESQEEVDLELPSTENECLSSSEAGAGEIKVVFKEKTVSSLGVAADGV
 APVFKRRIENKSRNLRQGEDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

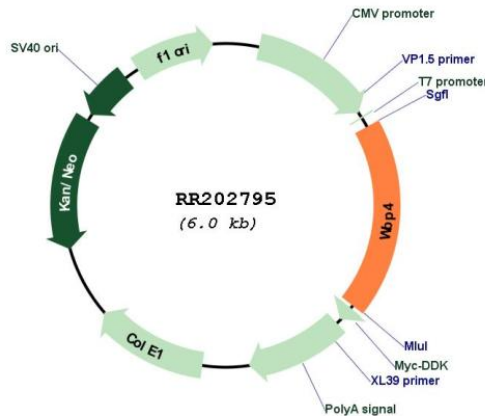
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_053766

ORF Size:	1122 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_053766.1 , NP_446218.1
RefSeq Size:	1574 bp
RefSeq ORF:	1125 bp
Locus ID:	114765
UniProt ID:	Q5HZF2
Cytogenetics:	15q12
MW:	42.2 kDa
Gene Summary:	mouse homolog interacts with several snRNPs and branchpoint binding protein SF1/mBB; may play a role in cross-intron bridging of U1 and U2 snRNPs in spliceosomal complex A [RGD, Feb 2006]