

Product datasheet for **RG210721**

WW domain binding protein 4 (WBP4) (NM_007187) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WW domain binding protein 4 (WBP4) (NM_007187) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	WBP4
Synonyms:	FBP21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG210721 representing NM_007187 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGACTACTGGAAGTCACAGCCAAAGAAATCTGTGATTACTGCAAGTGCTGGATAGCAGACAATA
GGCCTAGTGTGAATTTTCATGAAAGAGGAAAGAATCATAAGGAAAATGTGGCAAAAAGGATCAGTGAGAT
TAAACAGAAAAGCCTGGATAAGGCAAAGGAAGAAGAAAAGGCATCAAAGGAGTTTCTGCAATGGAGGCA
GCTGCCCTGAAAGCATACCAAGAGGATTTGAAAAGACTTGGCTTAGAGTCAGAAAATTTGGAGCCAAGCA
TAACACCAGTAACCAGCACTATCCACCTACCTCGACATCAAATCAACAGAAAAGAAAAGAAAAGAA
GAAAAGAAAAAAGATCCTTCAAAGGGCAGATGGGTAGAAGGCATAACCTCTGAGGGTTACCATTACTAT
TATGATCTTATCTCAGGAGCATCTCAGTGGGAGAAACCTGAAGGATTTCAAGGAGACTTAAAAAGACAG
CAGTGAAGACCGTTTGGGTAGAAGGTTTAAAGTGAAGATGGTTTTACCTATTACTATAATACAGAAACAGG
AGAATCCAGATGGGAGAAACCTGATGATTTTCATCCACACTAGTGATCTGCCTTCTAGTAAGGTCAAT
GAAAATCACTTGGCACCTAGATGAATCCAAATCATCAGATTCGCATAGTGATTCTGATGGGGAACAGG
AAGCAGAAGAAGGAGGGTCTCTACAGAGACAGAAAAGCCAAAAATAAGTTTAAAGAAAAAATAAAAA
TAGTGATGGAGGAAGTGACCCAGAAAACACAGAAAAGAAAAAGTATTTCAGAAAACAGAAATTCATTAGGTTCA
AATGAAGAAAAATCGAAAACCTTAAGAAATCAAACCCATATGGAGAATGGCAAGAAATTAACAAGAGG
TTGAGTCTCATGAGGAGGTAGATTTGAACTTCCAAGCACTGAAAATGAGTATGTATCAACTTCAGAAGC
TGATGGTGGCGGAGAACCCAAAGTGGTATTTAAAGAAAAAACAGTCACTTCTCTTGGAGTTATGGCAGAT
GGAGTGGCCCGAGTCTTCAAAGAGAAGAACTGAAAATGGAAAATCTAGAAAATTAAGGCAACGAGGTG
ATGATCAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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 Red=Cloning site Green=Tags(s)

MADYWKSQPKKFCDYCKCWIADNRPSVEFHERGKNHKNVAKRISEIKQKSLDKAKEEEKASKEFAAMEA
 AALKAYQEDLKRGLSEILEPSITPVTSTIPPTSTSNQQKEKKEKKRKKDPKGRWVEGITSEGYHYY
 YDLISGASQWEKPEGFQDLKKTAVKTVWVEGLSEDGFTYYYNTETGESRWEKPDFIPHTSDLPSSKVN
 ENSLGTLDSEKSSDSHSDSDGEQEAEEGVSTETKPKIKFKEKNKNSDGGSDPETQKEKSIQKQNSLGS
 NEEKSKTLKKSNPYGEWQEIKQVEVESHEEVDLELPSTENEYVSTSEADGGGEPKVVVFEKTVTSLGVMD
 GVAPVFKRRRTENGKSRNLRQRGDDQ

TRTRPLE - GFP Tag - V

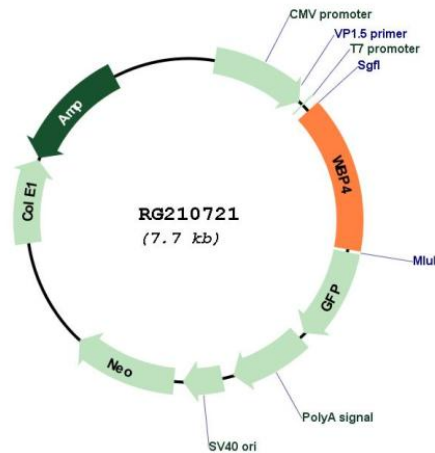
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_007187

ORF Size:	1128 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_007187.5
RefSeq Size:	2354 bp
RefSeq ORF:	1131 bp
Locus ID:	11193
UniProt ID:	O75554
Cytogenetics:	13q14.11
Domains:	WW, ZnF_U1
Gene Summary:	This gene encodes WW domain-containing binding protein 4. The WW domain represents a small and compact globular structure that interacts with proline-rich ligands. This encoded protein is a general spliceosomal protein that may play a role in cross-intron bridging of U1 and U2 snRNPs in the spliceosomal complex A. [provided by RefSeq, Jul 2008]