

Product datasheet for **RG203479**

WBPI (NM_012477) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	WBPI
Synonyms:	WBP-1
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG203479 representing NM_012477
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTCGGGCCAGCAGCGGGAACGGCAGCGAGGAGGCCTGGGGGGCACTTCGGGCGCCGCAACAGCAGC
TTCGAGAGCTGTGCCCAGGAGTGAACAACAGCCCTACCTCTGTGAGAGTGGTCACTGCTGCGGGGAGAC
TGGCTGCTGCACCTACTACTATGAGCTCTGGTGGTTCTGGCTGCTCTGGACTGTCTCATCTCTTTAGC
TGCTGTTGCGCCTTCGCCACCGACGAGCTAAACTCAGGCTGCAACAACAGCAGCGGCAGCGTGAAATCA
ACTTGTGGCCTATCATGGGGCATGCCATGGGGCTGGTCCTTTCCCTACCGGTTCACTGCTTGACCTTCG
CTTCTCAGCACCTTCAAGCCCCAGCCTACGAGGATGTGGTTACCGGCCAGGCACACCACCCCCCCT
TATACTGTGGCCCCAGGCCGCCCTTGACTGCTTCCAGTGAACAAACCTGCTGTTCTCTCATCCAGCT
GCCCTGCCCACTTTGAAGGAACAAATGTGAAGGTGTTTCTCCACCAGAGTGCCCCCCTCATCAGGA
GGGTGAGCCCGGGCAGGGGTGACCCCTGCCTCCACACCCCTCTGCGCTATCGCCGTTAACTGGC
GACTCCGGTATTGAGCTCTGCCCTTGCTGCCTCCGGTGAGGGTGAGCCAGTCAAGGAGGTGAGGGTTA
GTGCCACCCTGCCAGATCTGGAGGACTACTCCCGTGTGCACTACCCCAAGAGTCTGTACCGCAGATCTT
TCCCATGGGCTGTCTTCCAGTGAAGGGGACATCCCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence:

>RG203479 representing NM_012477

Red=Cloning site Green=Tags(s)

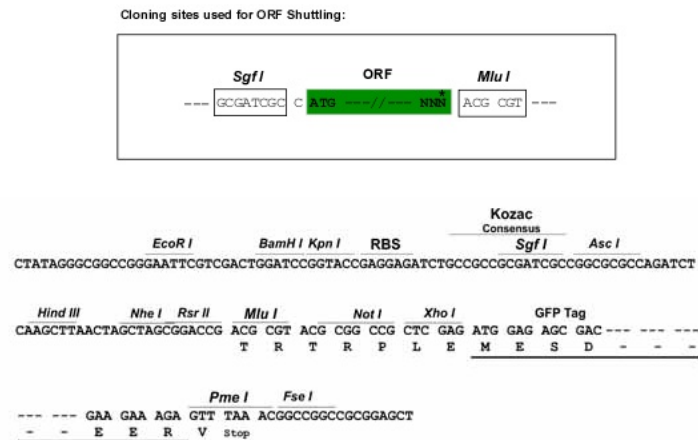
MARASSNGSGEEAWGALRAPQQQLRELCPGVNNQPYLCESGHCCGETGCCTYYYELWWFWLLWTVLILFS
CCCAFRHRRAKLRLQQQQRQREINLLAYHGACHGAGPFTGSLDLRFLSTFKPPAYEDVVHRPGTTPPP
YTVAPGRPLTASSEQTCCSSSSSCPAHFEGTNVEGVSSHQSAPPHQEGEPGAGVTPASTPPSCRYRLTG
DSGIELCPCPASGEGEPVKEVRVSATLPLEDYSPCALPPESVPQIFPMGLSSSEGDIP

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_012477

ORF Size:

807 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:

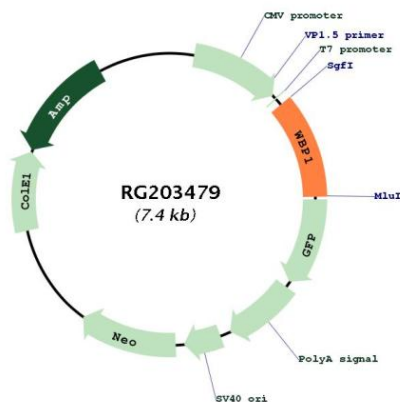
This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_012477.4</u>
RefSeq Size:	1183 bp
RefSeq ORF:	810 bp
Locus ID:	23559
UniProt ID:	<u>Q96G27</u>
Cytogenetics:	2p13.1
Protein Families:	Transmembrane
Gene Summary:	The globular WW domain, named for the conserved tryptophan residues in the protein motif present in various structural and regulatory proteins, is known to play a role in the mediation of protein-protein interactions. This gene encodes a ligand of the WW domain of the Yes kinase-associated protein. Readthrough transcription of the neighboring upstream gene, which encodes INO80 complex subunit B, into this gene generates a non-coding transcript. [provided by RefSeq, Feb 2011]

Product images:



Circular map for RG203479