

Product datasheet for **SC114346**

WBP5 (TCEAL9) (NM_016303) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WBP5 (TCEAL9) (NM_016303) Human Untagged Clone
Tag:	Tag Free
Symbol:	WBP5
Synonyms:	WBP5; WEX6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114346 sequence for NM_016303 edited (data generated by NextGen Sequencing) ATGAAATCCTGTCAAAAAATGGAAGGAAAACCAGAAAATGAGAGTGAACCAAAGCATGAG GAAGAGCCAAAGCCTGAGGAAAAGCCAGAAGAGGAGGAGAAGCTAGAGGAGGAGNNAAA GCAAAAAGGAACCTTTAGAGAAAAGCTGATTCAATCTCTCCAGGAGTTAAAGAAGATATA CACAAACAGGCATTTAAGCAATGAAGATATGTTTAGAGAAGTGGATGAAATAGATGAGATA AGGAGAGTCAGAAACAACTTATAGTGATGCGTTGGAAGGTTAATCGAAACCATCCTTAC CCCTATTTAATGTAG Clone variation with respect to NM_016303.2 115 g=>n;116 c=>n;117 c=>n



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016303 unedited
 TCAGAATTTTGTAAACGACTCACTATAGGGGCGGCCGCAATTTCGCACGAGGCAGCAGC
 GCAGGGCGTGGTCCCTGAGGCCCGTGAAGGAGTCAAACCTTGCAGGAATTTGCAGAAAGT
 CATTGTATTCAAAGAAGAATAAGCAAGAAAAGAAAAGGAAGGAAGAGAGGTAGACAGA
 TACAAGATGAAATCCTGTCAAAAATGGAAGGAAAACAGAAAATGAGAGTGAACCAAAG
 CATGAGGAAGAGCCAAAGCCTGAGGAAAAGCCAGAAGAGGAGGAGAAGCTAGAGGAGGAG
 GCCAAAGCAAAAAGGAACTTTATAGAAAAGGCTGATTCAATCTCTCCAGGAGTTTAAAGAA
 GATATACACAACAGGCATTTAAGCAATGAAGATATGTTTATAGAGAAGTGGATGAAATAGAT
 GAGATAAGGAGAGTCAGAAAACAACTTATAGTGATGCGTTGGAAGTTAATCGAAACCAT
 CCTTACCCTATTTAATGTAGTTTACCTTGATTTTTATCTGATATTAACAATACCATATA
 GCTTGCTTTTTATTAGCATTTCCTGATATTCCTTGTCCATATTTCTACTTATAACCTGT
 TGCTATTAATGGTTTTAGATGTATCTCTTGTATCTGCATCTCATTGTTTATTGATTTT
 GAACCAATCTACAAGTCTCTGTCTTTAATAAAAAGAACTTACACATTTGAAAAAGAG
 GTTCTTGGTAAGATATAAAATGGAAAAGGCTAAGTAATATGTGAATATCATATTTTTGA
 AAGGTAAGTACATTTGTATATTACATATATGGACATAACTTGTGAAGGATGAAAGAA
 AGTACAGCCCTCTCGGTGGTGGGATATGAATGATTNTNCTNCTTTTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016303 unedited
 GGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTCTTTTTATAAAAACCTTTTATTA
 TTCTAGCAATAAATGTGTGTTAATTTTAGGAATATAGAAAATACAAACAAGCAAAAGG
 AGAAAAATCATTATAATCCCACCACCGAGAGGCTGTACTTTCTTTCATCCTTCACAAGT
 TATGTCCATATATGTAATATACAAATGACTTTTTACCTTTCAAAAATATGATATTCACA
 TATTACTTAGCCTTTTTCCATTTATATCTTACCAAGAACCTCTTTTTTACAAATGTGTA
 AAGTCTTTTTATAAAAGACAGAGACTTGTAGATTGGTTCAAAAATACAATAAACAATGAG
 ATGCAGATAACAAGAGATACATCTAAAACCATTAATAGCAACAGGTTATAAGTAGAAATA
 TGGACAAAGGAATATCAGGAAATGCTAATAAAAAGCAAGCTATATGGTATTGTTAATATC
 AGATAAAAATCAAGGTAACATTAATAGGGGTAAGGATGGTTTTCGATTAACCTTCC
 AACGCATCACTATAAGTTGTTTCTGACTCTCCTATCTCATCTATTTTCACTCCACTTCTC
 TAAACATATCTTCATTGCTTAAATGCCTGTTGTGTATATCTTCTTAAACTCTGGAGAG
 ATTGAATCAGCCTTTCTCTAAAAGTTCTTTTTGCTTTGGCCTCCTCCCTTTAGCTTCTC
 CTCTCTTCTGGCTNTTCTCANGCTNTGGCTCTTCTCATGCCTTGGTCACTCTCATT
 NTCTGGTTTTCCCTCCATTNNTTGACAGGATTTTATCTNGNATCTGNCTACCTCTCTTCC
 TTNCTCTTTNCTTNNCTGCTTAATNNTCTTTGATACCAAATGACTCTGCAAAANTCC
 CGCAAGTTTGACTCCTTNCACGGNCCTCAGGNACCCACGNCTGCGCTGNTGNCTCGTGCG
 AAATCCGGCCGNCCTATAGNGAGTC

Restriction Sites:

NotI-NotI

ACCN:

NM_016303

Insert Size:

970 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_016303.2](#), [NP_057387.1](#)

RefSeq Size: 1102 bp

RefSeq ORF: 315 bp

Locus ID: 51186

UniProt ID: [Q9UHQ7](#)

Cytogenetics: Xq22.2

Gene Summary: The globular WW domain is composed of 38 to 40 semiconserved amino acids shared by proteins of diverse functions including structural, regulatory, and signaling proteins. The domain is involved in mediating protein-protein interactions through the binding of polyproline ligands. This gene encodes a WW domain binding protein. This gene also encodes a domain with similarity to the transcription elongation factor A, SII-related family. Alternative splicing results in multiple transcript variants encoding a single isoform. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) represents the longest transcript. Variants 1 through 4 encode the same isoform.