

Product datasheet for **SC100519**

WBP2 (NM_012478) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WBP2 (NM_012478) Human Untagged Clone
Tag:	Tag Free
Symbol:	WBP2
Synonyms:	DFNB107; GRAMD6; WBP-2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100519 sequence for NM_012478 edited (data generated by NextGen Sequencing)

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ATGGCGCTCAACAAGAATCACTCGGAGGGCGGCGGAGTGATCGTCAATAACACCGAGAGC
ATCCTAATGTCCTATGATCACGTGGAACCTCACATTCAATGACATGAAGAACGTGCCAGAA
GCCTTCAAAGGGACCAAGAAAGGCACTGTCTACCTTACCCCTTACCGGGTCATCTTTCTG
TCCAAGGGCAAGGATGCCATGCAGTCCTTCATGATGCCATTTTATCTCATGAAAGACTGT
GAGATCAAGCAGCCCGTATTTGGTGCAAACCTACATCAAGGGAACAGTGAAGGCGGAAGCG
GGAGGTGGCTGGGAAGGCTCTGCTTCTACAAGTTGACTTTCACGGCAGGGGGCGCCATT
GAGTTCGGACAGCGGATGCTCCAGGTGGCATCTCAAGCCTCCAGAGGTGAAGTCCCCAGT
GGAGCCTATGGCTACTCTTACATGCCAGCGGGCCTATGTCTATCCCCCGCCAGTCGCC
AATGGAATGTACCCTGCCCTCCTGGCTACCCCTATCCACGCCCCCACCTGAGTTCTAT
CCAGGACCCCCCATGATGGACGGGGCCATGGGATACGTGCAGCCCCACCCGCGCTAC
CCTGGGCCCATGGAACCTCCGGTCAGCGGCCCGATGTCCCTCCACTCCTGCAGCCGAA
GCCAAGGCCCGAGAAGCAGCCGCGCAGCGCTATTACAACCCAGGCAATCCTCACACGTC
TACATGCCACGAGCCAGCCGCCGCCACCTCCCTACTACCCACCGGAAGATAAGAAGACC
CAGTAG
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Clone variation with respect to NM_012478.3



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_012478 unedited CGCGAATTCGCACGAGGCTCGGGACCCCTGTTGGAGAGACTTGGCGCTCAACAAGAATCA CTCGGAGGGCGGGGAGTGATCGTCAATAACACCGAGAGCATCCTAATGTCCTATGATCA CGTGGAATCACATTCAATGACATGAAGAACGTGCCAGAAGCCTCAAAGGGACCAAGAA AGGCACTGTCTACCTTACCCCTTACCGGGTCATCTTTCTGTCCAAGGGCAAGGATGCCAT GCAGTCCTTCATGATGCCATTTTATCTCATGAAAGACTGTGAGATCAAGCAGCCCGTATT TGGTCAAACACTACATCAAGGGAACAGTGAAGGCGGAAGCGGGAGGTGGCTGGGAAGGCTC TGCTTCTACAAGTTGACTTTCACGGCAGGGGGCGCCATTGAGTTCGGACAGCGGATGCT CCAGGTGGCATCTCAAGCCTCCAGAGGTGAAGTCCCCAGTGGAGCCTATGGCTACTCTTA CATGCCACGCGGGCCTATGTCTATCCCCGCCAGTCGCCAATGGAATGTACCCCTGCC TCCTGGTACCCCTATCCACCGCCCCACCTGAGTTCTATCCAGGACCCCCATGATGGA CGNGGCCATGGGATACGTGCAGCCCCACCACCGCCCTACCTGGGCCCATGGAACCTCC GGTCAGCGGCCCGATGTCCCCTCCACTCCTGCAGCCGAAGCCAAGGCCGAGAAGCAGC CGCCAGCGCCTATTACAACCCAGGCATCCTCACACGTCTACATGCCACGAGCCAGCCGN CGNCACTTCTTACTACCACCGAAGATAGAAGACCCAGTAGCCCTCTGTNCCTGNCTN CACCTCATTNTCTACCTACC
Restriction Sites:	NotI-NotI
ACCN:	NM_012478
Insert Size:	1960 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:	<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_012478.2 , NP_036610.2
RefSeq Size:	1912 bp
RefSeq ORF:	786 bp
Locus ID:	23558
UniProt ID:	Q969T9
Cytogenetics:	17q25.1
Domains:	GRAM

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 that is a transcriptional coactivator of estrogen receptor alpha and progesterone receptor. Defects in this gene have been associated with hearing impairment. [provided by RefSeq, Jan 2017]

Transcript Variant: This variant (1) encodes the longer isoform (1). Variants 1 and 3 both encode the same isoform (1).