

Product datasheet for **SC105784**

WBP2 (AL049981) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WBP2 (AL049981) Human Untagged Clone
Tag:	Tag Free
Symbol:	WBP2
Synonyms:	GRAMD6; WBP-2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AL049981, the custom clone sequence may differ by one or more nucleotides

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GGGCAGGCAATCCTCACACGTCTACATGCCACGAGCCAGCCGCCACCTCCCTACTACCCACCGGA
AGATAAGAAGACCCAGTAGGCCCTCCTGCCTCCCTGCCTCCCACCTCATCTCTACCCTACCCCTCCC
ATCGGGGCTGTGCTGGGGCTTGGGGAGGGGAGGGGGCGCCTTGTCTCCCTCCAGGTCTGATCATAAACA
ATTACCAGGAAGTAGCATTGTGGGACATTAGGGCCCCGGCCTCGGGAGAGGTGCCGCCAGCTTCCCAT
GCCAGCCCGAGCCACAGTGCTGCCAGCGTACCTCCCTCACCCTGTTGGGCTCTTCTGGGAGCACGGA
GCATCCCCTGTTCTGTTCACTCTCAGCTTCTCCCTCGAAGGGACTCTCTGGCCACCTCTCCACCGC
AGTCCAGCTCCCTCAGTCTGGCACCCTGCTACACTCAGCCTCATGAGCCACTTCAGACCAGCCAGGTG
TCTTCCCGGGCCCTGCCAGACCCTGCTCACATCCCTCTGCTGGTCTGTGCTGGTCTCAGAAGGCCACCG
CGCCCGCATTCCACTCAGCCAGGGTCCAGCTGCAGCCCCGCCACCTTCCCTTCCCTTCCCTGTCCTGGG
TCATGTTGTTGCCACCCTGTGTGACTTTTGAAGCTGTAAAATGAGCTTCCAGGGCTTGGGTGGCGTCCGG
GCAGGGCCCGGAGGCTGGGAGGAAGCCCTTTCGCCTTTTGTGGTGTCTGGAATTTGCTTCCCTCA
CCTTCACTTCTTCTAGAAGGAGCTTCTGACTGGAACCAGAGAATGCATGTCTGTCCACTTGGTGGCT
GCTGGGTGGGGCCGGGAACAAGGGCCCCGACTCTGTGTGCTGGCCGGGACCTGCCACCAGCCCCCAGC
CTGCTTCTTCCCTTAAGCTTTGTGCCCTGGATGCGCTAACATTCACTTGTGTTGCTCCCTGGACTGCC
CATGAAGTGAGGAGATGGTTATTTAAAGAGAATCCCTATTTATTTGACAAAAATCCAGTTAATATATT
AATGTGAAATAAACCCCTGTTTGACCTCGATTTGTTGCTGAAAAATGTGAAATAGTAAAAATGAAATAAC
TGGAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AL049981 unedited</p> <pre>TCAAATTTTGTAAATACGAACTACTATAGGGCGGCCGGAATTCGCACGAGGGCGCCTTG TTCTCCCTCCAGGTCTGATCATAAAACAATTACCAGGAAGTAGCATTGTGGGACATTAGGG CCCCGGCCTCGGGAGAGGTGCCGCCAGCTTCCCATGCCAGCCCGGAGCCACAGTGCT GCCAGCGTACCTCCCTACCGTCTGGGGCTTCTCTGGGAGCACGGAGCATCCCCGTTC CTGTTTACTCTCAGTTCTCCCTCGAAGGGACTCTCTGGCCACCTCCTCCACCGCAGT CCAGCTCCCTCAGTCTGGCACCCACTGTACACTCAGCCTCATGAGCCACTTCAGACCAG CCAGGTGTCTTCCCGGGCCTGCCAGACCCTGCTCACATTCCCTCTGCTGGTCTGTGCTG GTCTCAGAAGGCCACCGCGCCCGCATTCCACTCAGCCAGGGTCCAGCTGCAGCCCCGCC ACCCTTCCCTTCCCTTCCCTGTCTGGGTGATGTTGTTGCCACCCTGTGTGACTTTTGAAG CTGTAAAATGAGCTTCCAGGGCTTGGGTGGCGTCGGGGCAGGGCCCGGAGGCTGGGAGG AAGCCCTTCTGCCTTTTGTGTTGTTTCTGGAATTTGCTTTCCCTCACCTCTCACTTCT TCTAGAAGGAGCTTCTGACTGGAACCAGAGAATGCATGTCTGTCCACTTGGTGGCTGCT GGGTGGGGCCGGAAACAAGGGCCCCTGACCCTGTGTGCTGGCCGGGACCTGCCACCAGCC CCCCAGCTGCTTCTCCCTTAAGCTNTGTGCCCTGGATGCGCNTACATTNCACTCTT GTTTGTCCCTGGACTGGGCCATGAGTGAGGGAGAGGNNTATTTAAAGAGAATTNCCCTAT TATTTGACANANNATCCAGTTATATATTAATGTGAANTANACCCCTGTTTGCACCTCAA AAAAAAAAAACTCGACTCTAGATGCGGGCGCGTNCATAGCT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AL049981 unedited</p> <pre>NTTTCCTTAAAATACTGTGNACCGCGGCCGCTTTCTANGATCGNATTTTTTTTTTTTTT TTTTTGAGGTGCAAACAGGGTTTATTTACATTAATATATTAAGTGGATTTTTTGTCAA TAAATAGGGAATTCTCTTAAATAACCATCTCCTCACTTCATGGCCAGTCCAGGGACAAA CAAGAGTGAATGTTAGCGCATCCAGGGGCACAAAGCTTAAGGGGAAGAAGCAGGCTGGGG GGCTGGTGGCAGGTCCCGGCCAGCACACAGGGTCAAGGGCCCTTGTTCGGGCCCCACCC AGCAGCCACCAAGTGGACAGACATGCATTCTCTGGTTCAGTCAAGGAAGCTCCTTCTAGA AGGAAGTGAGAGGTGAGGGAAAGCAAAATCCAGAAACACCAGCAAAGGCAGAAGGGCTT CCTCCCAGCCTCGGGCGCCCTGCCCGACGCCACCCAAGCCCTGGAAGCTCATTTTACAG CTTCAAAAGTACACAGGGTGGCAACAACATGACCCAGGACAGGGAAAGGAAGGAAGGGT GGCGGGGGCTGCAGCTGGACCCTGGCTGAGTGAATGCGGGCGCGGTGGCCTTCTGAGAC CAGCACAGACCAGCAGAGGGAATGTGAGCAGGGTCTGGCAGGGCCCGGAAGACACTGG CTGGTCTGAAGTGGCTCATGAGGCTGAGTGTAGCAGTGGGTGCCAGACTGAGGGAGCTGG ACTGCGGTGGAGGAGGTGGCCAGAGAGTCCCTTCGAGGGGAGAAGCTGAGAGTAAACAG GAACAGGGGATGCTCCGTGCTCCAGAGAGCCCCAGACGGTGAGGGAGGTACGCTGGGCA GCACTGTGNGGCTCGGGCTGGCATGGGAAGCTGGGCNGA</pre>
Restriction Sites:	NotI-NotI
ACCN:	AL049981
Insert Size:	1000 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: [AL049981.1](#), [CAH56417.1](#)

RefSeq Size: 1142 bp

RefSeq ORF: 1142 bp

Locus ID: 23558

Cytogenetics: 17q25.1

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]