

Product datasheet for **SC322250**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322250
 TGCCTTTTGTGAGTCTCGGGACCCCTGTTGGAGAGACTATGGCGCTCAACAAGAATCACTCG
 GAGGGCGCGGAGTGATCGTCAATAACACCGAGAGCATCCTAATGTCCTATGATCACGTG
 GAACTCACATTCAATGACATGAAGAACGTGCCAGAAGCCTTCAAAGGGACCAAGAAAGGC
 ACTGTCTACCTTACCCCTTACCGGGTCATCTTTCTGTCCAAGGGCAAGGATGCCATGCAG
 TCCTTCATGATGCCATTTTATCTCATGAAAGACTGTGAGATCAAGCAGCCGCTATTTGGT
 GCAAACACATCAAGGGAACAGTGAAGGCGGAAGCGGGAGGTGGCTGGGAAGGCTCTGCT
 TCCTACAAGTTGACTTTACGGCAGGGGGCGCCATTGAGTTCGGACAGCGGATGCTCCAG
 GTGGCATCTCAAGCCTCCAGAGGTGAAGTCCCCAGTGGAGCCTATGGCTACTCTTACATG
 CCCAGCGGGGCTATGTCTATCCCCGCCAGTCGCCAATGGAATGTACCCCTGCCCTCT
 GGCTACCCCTATCCACCGCCCCACCTGAGTTCTATCCAGGACCCCCATGATGGACGGG
 GCCATGGGATACGTGCAGCCCCACACCGCCCTACCCTGGGCCCATGGAACCTCCGGTC
 AGCGGCCCCGATGTCCCTCCACTCTGCAGCCGAAGCCAAGGCCGAGAAGCAGCCGCC
 AGCGCCTATTACAACCCAGGCAATCCTCACAACGTCTACATGCCACGAGCCAGCCGCCG
 CCACCTCCCTACTACCCACCGGAAGATAAGAAGACCCAGTAGGCCCTCCTGCCTCCCTGC
 CTCCCACCTCATCTCTTACCTTACCCCTCCCATCGGGGCTGTGCTGGGGCTTGGGGAG
 GGGAGGGGGCGCCTTGTCTCCCTCCAGGTCTGATCATAAACAATTACCAGGAACATAGCA
 TTGTGGGACATTAGGGCCCCCGGCTCGGGAGAGGTGCCGCCAGCTTCCCATGCCAGCC
 CGGAGCCACAGTGCTGCCAGCGTACCTCCCTCACCGTCTGGGGCTCTTCTGGGAGCAC
 GGAGCATCCCCTGTTCTGTTTCACTCTCAGCTTCTCCCTCGAAGGGACTCTCTGGCCA
 CCTCTCCACCGCAGTCCAGTCCCTCAGTCTGGCACCCTGCTACACTCAGCCTCATG
 AGCCACTTCAGACCAGCAGGTGCTTCCCGGGCCCTGCCAGACCCTGCTCACATTCCCT
 CTGCTGGTCTGTGCTGGTCTCAGAAGGCCACCGCGCCCGCATTCCTCAGCCAGGGTCC
 AGCTGCAGCCCCCGCCACCCTTCCCTTCCCTGTCTGGGTATGTTGTTGCCACCC
 TGTGTGACTTTTGAAGCTGTAAATGAGCTTCCAGGGCTTGGGTGGCGTCGGGGCAGGGC
 CGCCGAGGCTGGGAGGAAGCCCTTCTGCCTTTTGTGGTGTCTGGAATTTGCTTTCC
 TCACCTCTCACTTCTTCTAGAAGGAGCTTCTGACTGGAACCAGAGAATGCATGTCTGT
 CCATTGGTGGTGTGCTGGGTGGGCGGGAACAAGGGCCCTGACCTGTGTGCTGGCCG
 GGACCTGCCACCAGCCCCCAGCCTGCTTCTCCCTTAAGCTTTGTGCCCTGGATGCG
 CTAACATTCACTTGTGTTGTCCTGGACTGGCCATGAAGTGAGGAGATGTTATTTAA
 GAGAATCCCTATTTATTTGACAAAAATCCAGTTAATATATTAATGTGAAATAAACCT
 GTTTCACCTCGATTTGTTGCTGAAAAATGTGAAATAGTAAAAATGAAATAACTGAAAA
 AA

Restriction Sites: Please inquire

ACCN: NM_012478

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_012478.3, NP_036610.2</u>
RefSeq Size:	1944 bp
RefSeq ORF:	786 bp
Locus ID:	23558
UniProt ID:	<u>Q969T9</u>
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).