

Product datasheet for **SC301073**

WBP5 (TCEAL9) (NM_001006612) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WBP5 (TCEAL9) (NM_001006612) Human Untagged Clone
Tag:	Tag Free
Symbol:	WBP5
Synonyms:	WBP5; WEX6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301073 representing NM_001006612. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAATCCTGTCAAAAATGGAAGGAAAACAGAAAATGAGAGTGAACCAAAGCATGAGGAAGAGCCA
AAGCCTGAGGAAAAGCCAGAAGAGGAGGAGAAGCTAGAGGAGGAGGCCAAAGCAAAGGAACTTTTAGA
GAAAGGCTGATTCAATCTCTCCAGGAGTTTAAAGAAGATACACAACAGGCATTTAAGCAATGAAGAT
ATGTTTAGAGAAGTGGATGAAATAGATGAGATAAGGAGAGTCAGAAACAACTTATAGTGATGCGTTGG
AAGGTTAATCGAAACCATCCTTACCCTATTTAATGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001006612
Insert Size:	315 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).
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



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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:	<u>NM_001006612.1</u>
RefSeq Size:	1099 bp
RefSeq ORF:	315 bp
Locus ID:	51186
UniProt ID:	<u>Q9UHQ7</u>
Cytogenetics:	Xq22.2
MW:	12.7 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 through 4 encode the same isoform.</p>