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Product datasheet for SC310067

WWP2 (NM_007014) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WWP2 (NM_007014) Human Untagged Clone
Tag:	Tag Free
Symbol:	WWP2
Synonyms:	AIP2; WWp2-like
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_007014 edited

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CAGCGTTTCCAGGCAGACGCTTTTCGAAGATTCCTTCCAACAGATCATGAACATGAAACC
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AATGCCCTTTGCTAGCCATGGGCTGGTCACCAGATTGTTTTGTAATGCCCGCCCCTTGCC
TCGATATTGCCAGTTTCTTGTGCAATAAACTATCAGCAGCTGAAAAAAAAAAAAAAAAAA
AAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_007014

Insert Size:	4400 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:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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_007014.3, NP_008945.2
RefSeq Size:	4527 bp
RefSeq ORF:	2613 bp
Locus ID:	11060
UniProt ID:	O00308
Cytogenetics:	16q22.1
Domains:	C2, HECT, WW
Protein Families:	Druggable Genome
Protein Pathways:	Ubiquitin mediated proteolysis
Gene Summary:	This gene encodes a member of the Nedd4 family of E3 ligases, which play an important role in protein ubiquitination. The encoded protein contains four WW domains and may play a role in multiple processes including chondrogenesis and the regulation of oncogenic signaling pathways via interactions with Smad proteins and the tumor suppressor PTEN. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 10. [provided by RefSeq, Jul 2012] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (WWP2-FL). Variants 1 and 5 encode the same isoform.