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Product datasheet for MC202685

Wwp2 (NM_025830) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wwp2 (NM_025830) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wwp2
Synonyms:	1300010O06Rik; AA690238; AIP2; AW554328
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC048184 sequence for NM_025830

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ATCAGCAGCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI

ACCN: NM_025830

Insert Size: 2613 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:	BC048184, AAH48184
RefSeq Size:	4319 bp
RefSeq ORF:	2613 bp
Locus ID:	66894
UniProt ID:	Q9DBH0
Cytogenetics:	8 D3
Gene Summary:	E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Polyubiquitinates POU5F1 by 'Lys-63'-linked conjugation and promotes it to proteasomal degradation; regulates POU5F1 protein level during differentiation of embryonal carcinoma cells (ECCs) but not in undifferentiated ECCs and embryonic stem cells (ESCs). Ubiquitinates EGR2 and promotes it to proteasomal degradation; in T-cells the ubiquitination inhibits activation-induced cell death. Ubiquitinates SLC11A2; the ubiquitination is enhanced by presence of NDFIP1 and NDFIP2. Ubiquitinates RPB1 and promotes it to proteasomal degradation.[UniProtKB/Swiss-Prot Function]