

## Product datasheet for TP511018

### Wwp2 (NM\_025830) Mouse Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse WW domain containing E3 ubiquitin protein ligase 2 (Wwp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR211018 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MASASSRAGVALPFEKSQLTLKVSAPKPKVHNRQPRINSYVEVAVDGLPSETKKTGKRIGSSELLWNEI IVLNVAQSHLDLKVWSCHTLRNELLGTASVNLNVLKNNGGKMENTQLTLNLQTENKGSVWGGELTIF LDGPTVDLGSVPNGSAVTDGSQPPSRESSGTAIAPETRHQPPSTNCFGGRSRTHRHSGGSARTATAASEQ SPGARNRHRQPVKNSSSSGLANGTVNEEPTASEPEESSVVGVTSLPAAALSVSNNPNTTSLPAQSTPAE GEEASTSGTQQLPAAAQAPDALPAGWEQRELPNGRVYYVDHNTKTTTWERPLPPGWEKRTDPRGRFYVD HNTRTTTWRPTAEYVRNYEQWQSQRNQLQGAMQHFSQRFLYQSSASTDHDPLGPLPPGWEKRQDNGRV YYVNHNTRTTQWEDPRTQGMIEPALPPGWEMKYTSEGVRYFVDHNTRTTTFKDPDPGFESGKQGSPGA YDRSFRWKYHQFRFLCHSNALPSHVKISVSRQTLFEDSFQQIMNMKPYDLRRRLYIIMRGEGLDYGGIA REWFLLSHEVLNPMYCLFEYAGKNNYCLQINPASSINPDHLYFRFIGRFIAMALYHGKFIDTGFTLPF YKRMMLNKRPTLKDLESIDPEFYNSIVWIKENLEECGLELFFIQDMEILGKVTTHELKEGGENIRVTEEN KEEYIMLLTDWRFRTRGVEEQTKAFLDGFNEVAPLEWLRYFDEKELELMLCGMQEIDMSDWQKNAIYRHYT KSSKQIQFWQVVKEMDNEKRIRLLQFVTGTCLPVGGAELIGSNGPQKFCIDRVGKETWLP RSHTCFN RLDLPPYKSYEQLKEKLLYAIEETEGFGQE</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	98.8 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_080106</a>
<b>Locus ID:</b>	66894
<b>UniProt ID:</b>	<a href="#">Q9DBH0</a> , <a href="#">I3RSH5</a>
<b>RefSeq Size:</b>	4319
<b>Cytogenetics:</b>	8 D3
<b>RefSeq ORF:</b>	2613
<b>Synonyms:</b>	1300010O06Rik; AA690238; AIP2; AW554328
<b>Summary:</b>	<p>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]</p>