

## Product datasheet for TP510447

### Wdr91 (NM\_001013366) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Purified recombinant protein of Mouse WD repeat domain 91 (Wdr91), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug  
**Species:** Mouse  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >MR210447 representing NM\_001013366  
**Red**=Cloning site **Green**=Tags(s)

MAEAVERTDELVREYLLFRGFHTLRQLDAEIKADKEKGRVDKIVDQLQQLMQVYDLAALRDYWSYLER  
RLFSRLEDIYRPTINKLKTSLFRFYLVYTIQTNRNDKAQEFFAKQATELQNAEWKDWFLPFLPSPDTN  
PTFATYFSRQWADTFIISLHNFLSVLFQCMVPVILNFDAECQRTNQVQEENEVLRQKLFALQAEIHRK  
KEEQQQEEEEAAALVQHKLPPYVSSMDRLGDSELALVCSQRPASLSQSPRVGFLSSLLPQSKKSPSRLSPA  
QGPPQAQSSAKKDSFSSQATKGKDSVPGAKDGKSLLSGPVPGEASWTHQRQRRLQDHGKERRELLSTSS  
QSQCAERKPEVSGAEAEPCLELHMGPVEVLARVSTAGSEGDREPEQPFIVLSQEEYGEHHSSIMHCRVDCS  
GRRVASLDVDGVIKVWSFNPMQTKASSISKSPLLSLEWATKRDRLLLLGSGVGTVRLYDTEAKKNLCEI  
NINDDMPRILSLACSPNGASFVCSAAAPSLTSQTDSAPDIGSKGMNQVPGKLLLWDTKTMKQQLQFSLD  
PEPIAINCTAFNHNGNLLVTGAADGVIRLFDMQQHECAMSWKAHCGEVYSVEFSCDENAVYSIGEDRKFI  
QWNIHKSGLVSESNLPSDATGPFVLSGYSYKQVQVPRGRLFAFDSEGNMMLTCSATGGLIYKLGSEEK  
VLENCLSLGGHRAPVVTVDWSTAMDCGTCLTASMDGKIKLTTLLAHLK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK  
**Predicted MW:** 83.4 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C after receiving vials.



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<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_001013384</a>
<b>Locus ID:</b>	101240
<b>UniProt ID:</b>	<a href="#">Q7TMQ7</a>
<b>RefSeq Size:</b>	2759
<b>Cytogenetics:</b>	6 B1
<b>RefSeq ORF:</b>	2244
<b>Synonyms:</b>	9530020G05Rik; AI987683; AU018665
<b>Summary:</b>	Functions as a negative regulator of the PI3 kinase/PI3K activity associated with endosomal membranes via BECN1, a core subunit of the PI3K complex. By modifying the phosphatidylinositol 3-phosphate/PtdInsP3 content of endosomal membranes may regulate endosome fusion, recycling, sorting and early to late endosome transport. It is for instance, required for the delivery of cargos like BST2/tetherin from early to late endosome and thereby participates indirectly to their degradation by the lysosome (By similarity). May play a role in meiosis (PubMed:27346680).[UniProtKB/Swiss-Prot Function]