

## Product datasheet for **TP315951M**

### **FBXW9 (NM\_032301) Human Recombinant Protein**

#### **Product data:**

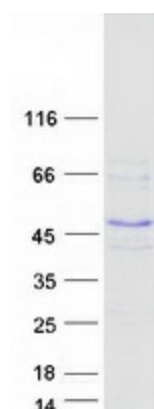
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| <b>Product Type:</b>                         | Recombinant Proteins   |
| <b>Description:</b>                          | Recombinant protein of human F-box and WD repeat domain containing 9 (FBXW9), 100 µg   |
| <b>Species:</b>                              | Human  |
| <b>Expression Host:</b>                      | HEK293T  |
| <b>Expression cDNA Clone or AA Sequence:</b> | >RC215951 representing NM_032301<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MELPLGRCDSDRTWDDSDPESETDPDAQAKAYVARVLSPPKSGLAFSRPSQLSTPAASPSASEPRAASR<br>VSAVSEPGLLSLPPELLLEICSYLDARLVHLVLSRVCHALRDVSDHVTWRLRALRRVRAPYPVVEEKNF<br>DWPAACIALEQHLSRWAEDGRWVEYFCLAEGHVASVDSVLLLQGGSLCCLSGSRDRNVNLWDLRQLGTES<br>N<br>QVLIKTLGTKRNSTHEGWVWSLAAQDHRVCSGSWDSTVKLWDMAADGQQFGEIKASSAVLCLSYLPDIL<br>V<br>TGTYDKKVITYDPRAGPALLKHQQLHSRPVLTLLADDRHIISGSEDHTLVVDDRANSVLQRLQLDSYLL<br>CMSYQEPQLWAGDNQGLLHVFNANRNGCFQLIRSFVGHVSFPITGIQYSVGALYTTSTDKTIRVHVPTDPP<br>RTICTRRHDNGLNLRVCAEGNLVWAGSGDLSLEVWRLQA<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| <b>Tag:</b>                                  | C-Myc/DDK  |
| <b>Predicted MW:</b>                         | 50.6 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>Preparation:</b>                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.   |
| <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.   |
| <b>Storage:</b>                              | Store at -80°C.  |



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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_115677</a>  |
| <b>Locus ID:</b>         | 84261  |
| <b>UniProt ID:</b>       | <a href="#">Q5XUX1</a>   |
| <b>RefSeq Size:</b>      | 1750   |
| <b>Cytogenetics:</b>     | 19p13.13   |
| <b>RefSeq ORF:</b>       | 1374   |
| <b>Synonyms:</b>         | Fbw9; MEC-15   |
| <b>Summary:</b>          | Members of the F-box protein family, such as FBXW9, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603034), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]).[supplied by OMIM, Mar 2008] |
| <b>Protein Families:</b> | Druggable Genome   |

### Product images:



Coomassie blue staining of purified FBXW9 protein (Cat# [TP315951]). The protein was produced from HEK293T cells transfected with FBXW9 cDNA clone (Cat# [RC215951]) using MegaTran 2.0 (Cat# [TT210002]).