

## Recombinant Mouse Wdr91 Protein, MYC/DDK-tagged

Cat. No. Wdr91-177M Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse WD repeat domain 91 (Wdr91), with C-terminal MYC/DDK tag, expressed in HEK293T cells.  |
| <b>Species</b>          | Mouse  |
| <b>Source</b>           | HEK293   |
| <b>Description</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. May play a role in meiosis. |
| <b>Molecular Mass</b>   | 83.4 kDa   |
| <b>Purity</b>           | >80%, as determined by SDS-PAGE and Coomassie blue staining  |
| <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>Storage</b>          | Store at -80 centigrade after receiving vials.   |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method   |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Wdr91 WD repeat domain 91 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Wdr91](#)

**Synonyms** Wdr91; WD repeat domain 91; AI987683; AU018665; 9530020G05Rik; WD repeat-containing protein 91

**Gene ID** [101240](#)

**mRNA Refseq** [NM\\_001013366](#)

**Protein Refseq** [NP\\_001013384](#)

**UniProt ID** [Q7TMQ7](#)

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