

## Recombinant Mouse Wdr83 Protein, Myc/DDK-tagged

**Cat. No.** Wdr83-6988M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse WD repeat domain containing 83 (Wdr83), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Molecular scaffold protein for various multimeric protein complexes. Involved in response to hypoxia by acting as a negative regulator of HIF1A/HIF-1-alpha via its interaction with EGLN3/PHD3. May promote degradation of HIF1A. May act by recruiting signaling complexes to a specific upstream activator. Also acts as a module in the assembly of a multicomponent scaffold for the ERK pathway, linking ERK responses to specific agonists. At low concentrations it enhances ERK activation, whereas high concentrations lead to the inhibition of ERK activation. May also be involved in pre-mRNA splicing.
<b>Molecular Mass</b>	34.4 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.

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**Concentration** >50 µg/mL as determined by microplate BCA method

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

## GENE INFORMATION

**Gene Name** [Wdr83 WD repeat domain containing 83 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Wdr83](#)

**Synonyms** Wdr83; WD repeat domain containing 83; Mor; Morg1; 1500041N16Rik; WD repeat domain-containing protein 83; MAPK cascade scaffold protein; MAPK organizer 1; mitogen-activated protein kinase organizer 1

**Gene ID** [67836](#)

**mRNA Refseq** [NM\\_026399](#)

**Protein Refseq** [NP\\_080675](#)

**UniProt ID** [Q9DAJ4](#)

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