

Recombinant Mouse Wdr83 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse WD repeat domain containing 83 (Wdr83), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	34.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration	>50 µg/mL as determined by microplate BCA method
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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
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GENE INFORMATION

Gene Name	Wdr83 WD repeat domain containing 83 [Mus musculus (house mouse)]
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Official Symbol	Wdr83
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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
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Gene ID	67836
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mRNA Refseq	NM_026399
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Protein Refseq	NP_080675
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UniProt ID	Q9DAJ4
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