

Recombinant Mouse Wdr91 Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse WD repeat domain 91 (Wdr91), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	83.4 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.
Concentration	>50 ug/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.

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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