

Recombinant Mouse Wwp2 Protein, Myc/DDK-tagged

Cat. No. Wwp2-7015M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse WW domain containing E3 ubiquitin protein ligase 2 (Wwp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Polyubiquitinates POU5F1 by 'Lys-63'-linked conjugation and promotes it to proteasomal degradation; regulates POU5F1 protein level during differentiation of embryonal carcinoma cells (ECCs) but not in undifferentiated ECCs and embryonic stem cells (ESCs). Ubiquitinates EGR2 and promotes it to proteasomal degradation; in T-cells the ubiquitination inhibits activation-induced cell death. Ubiquitinates SLC11A2; the ubiquitination is enhanced by presence of NDFIP1 and NDFIP2. Ubiquitinates RPB1 and promotes it to proteasomal degradation.
Molecular Mass	98.8 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

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

GENE INFORMATION

Gene Name Wwp2 WW domain containing E3 ubiquitin protein ligase 2 [Mus musculus (house mouse)]

Official Symbol Wwp2

Synonyms WWP2; WW domain containing E3 ubiquitin protein ligase 2; NEDD4-like E3 ubiquitin-protein ligase WWP2; WW domain-containing protein 2; WW domain-containing protein 4; AIP2; AA690238; AW554328; 1300010O06Rik

Gene ID 66894

mRNA Refseq NM_025830

Protein Refseq NP_080106

UniProt ID Q9DBH0

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