

Recombinant Mouse Wwc1 Protein, Myc/DDK-tagged

Cat. No. Wwc1-7013M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse WW, C2 and coiled-coil domain containing 1 (cDNA clone MGC:47054 IMAGE:5116674), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Probable regulator of the Hippo/SWH (Sav/Wts/Hpo) signaling pathway, a signaling pathway that plays a pivotal role in tumor suppression by restricting proliferation and promoting apoptosis. Along with NF2 can synergistically induce the phosphorylation of LATS1 and LATS2 and can probably function in the regulation of the Hippo/SWH (Sav/Wts/Hpo) signaling pathway. Acts as a transcriptional coactivator of ESR1 which plays an essential role in DYNLL1-mediated ESR1 transactivation. Regulates collagen-stimulated activation of the ERK/MAPK cascade. Modulates directional migration of podocytes. Acts as a substrate for PRKCZ and may be associated with memory performance. Regulates collagen-stimulated activation of the ERK/MAPK cascade.
Molecular Mass	74.3 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.

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Storage	Store at -80 centigrade after receiving vials.
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	Wwc1 WW, C2 and coiled-coil domain containing 1 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Wwc1
Synonyms	Wwc1; WW, C2 and coiled-coil domain containing 1; Ki; Kibra; AA408228; AU017197; BC037006; protein KIBRA; WW domain-containing protein 1; kidney and brain protein; protein WWC1
Gene ID	211652
mRNA Refseq	NM_170779
Protein Refseq	NP_740749
UniProt ID	Q5SXA9

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