

Product datasheet for **TP509954**

Wwc1 (BC037006) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	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, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209954 protein sequence Red =Cloning site Green =Tags(s)
	<p>MQSLSSGSSPGSLTSSRGLAASSLDSSTSASFTDLYYDPFEQLDSELQSKVELLFLEGATGFRPSGCIT TIHEDEVAKTQKAEGSRLQALRSLSGTSPRSMSTLSPRSSLSSPSPPCSPLITDPLLTGDAFLAPLEFED TELSTTLCELNLGGSGTQERYRLEEPGPEGKPLGQAASVAPGCGLKVACVSAAVSDES VAGDSGVYEASA QRPGTSEAAAFDSDESEAVGATRVQIALKYDEKNKQFAILIIQLSHLSALS LQQDQKVNIRVAILPCSES STCLFRTRPLDSANTLVFNEAFWVSISYPALHQKTLRVDVCTTDRSHTEECLGGAQISLAEVCRSGERST RWYNLLSYKYLKKQCREPQPT EAPGPDHVD AVSALLEQTAVELEKRQEGRSSSQTLEGSWYEEEEASENE AVAE EEEEEGEEDVFTEKVSPEAE ECPALKVDRETNTDSVAPSPTVVRPKDRRVGAPSTGPFLRGNTIIRS KTFSPGPQSQYVCR LNRSDSDSSTLSKKPPFVRNSLERRSVRMKRPSSVKSLRTERLIRTSLDLELDLQA TRTWHSQLTQEISVLKELKEHLEQAKNHGEKELPQWLREDERFRLLLRLMLEKKVDRGEHKSELQADKMMR AAAKDVHRLRGQSCKEPPEVQSFREKMAFFTRPRMNIPALSADDV</p> <p>TRTRPLEQLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	74.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	211652
UniProt ID:	Q5SXA9
RefSeq Size:	2583
Cytogenetics:	11 A4
RefSeq ORF:	2025
Synonyms:	MGC47054, mKIAA0869, RP23-196B5.5, Kibra
Summary:	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 (By similarity). Regulates collagen-stimulated activation of the ERK/MAPK cascade.[UniProtKB/Swiss-Prot Function]