

Recombinant Human WWC1, His-tagged

Cat. No. WWC1-5053H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human WWC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	WWC1 is a cytoplasmic phosphoprotein that interacts with PRKC-zeta and dynein light chain-1. Alleles of WWC1 have been found that enhance memory in some individuals. Three transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	17.0 kDa (152aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSEAVGATR IQIALKYDEK NKQFAILIQ LSNLSALLQQ QDQKVNIRVA VLPCSESTTC LFRTRPLDAS DTLVFNEVFW VSMSYPALHQ KTLRVDVCTT DRSHLEECLG GAQISLAEVC RSGERSTRWY NL
Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing cycles.

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Concentration 0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [WWC1 WW and C2 domain containing 1 \[Homo sapiens \]](#)

Official Symbol WWC1

Synonyms WWC1; WW and C2 domain containing 1; WW, C2 and coiled coil domain containing 1; protein KIBRA; KIAA0869; KIBRA; protein WWC1; HBeAg-binding protein 3; kidney and brain protein; WW, C2 and coiled-coil domain containing 1; HBEBP3; HBEBP36; FLJ10865; FLJ23369;

Gene ID [23286](#)

mRNA Refseq [NM_001161661](#)

Protein Refseq [NP_001155133](#)

UniProt ID [Q8IX03](#)

Chromosome Location 5q34

Pathway Signal Transduction, organism-specific biosystem; Signaling by Hippo, organism-specific biosystem;

Function protein binding; transcription coactivator activity;

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