

# Recombinant Human WW and C2 domain containing 1, His-tagged

**Cat. No.** WWC1-452H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	WWC1, 655-783aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	655-783 a.a.
<b>Description</b>	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. Recombinant human WWC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Form</b>	Protein KIBRA isoform 3
<b>Molecular Mass</b>	17.0 kDa (152aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSEAVGATR IQIALKYDEK NKQFAILIQ LSNLSALLQQ QDQKVNIRVA VLPCSESTTC LFRTRPLDAS DTLVFNEVFW VSMSYPALHQ KTLRVDVCTT DRSHLEECLG GAQISLAEVC RSGERSTRWY NL
<b>Purity</b>	>90% by SDS - PAGE

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<b>Storage</b>	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	0.25 mg/ml (determined by Bradford assay)
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	WWC1 WW and C2 domain containing 1 [ Homo sapiens ]
<b>Official Symbol</b>	WWC1
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">23286</a>
<b>mRNA Refseq</b>	<a href="#">NM_001161661</a>
<b>Protein Refseq</b>	<a href="#">NP_001155133</a>
<b>UniProt ID</b>	<a href="#">Q8IX03</a>
<b>Chromosome Location</b>	5q34
<b>Pathway</b>	Signal Transduction, organism-specific biosystem; Signaling by Hippo, organism-specific biosystem;
<b>Function</b>	protein binding; transcription coactivator activity;

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