

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

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

SPECIFICATION

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

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Storage	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.
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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