

AR51369PU-S

Human WWC1 (655-783, His-tag) - Purified

Alternate names:

HBeAg-binding protein 3, KIAA0869, KIBRA, Kidney and brain protein, WW domain-containing protein 1, WWC1

Quantity:

0.1 mg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q8IX03](#)

NCBI:

[NP_056053](#)

GeneID:

[23286](#)

Species:

Human

Source:

E. coli

Format:

Purity: >90% by SDS - PAGE

Buffer System: Protein KIBRA isoform 3

Description:

Recombinant human WWC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSEAVGATR IQIALKYDEK NKQFAILLIQ LSNLSALLQQ
QDQKVNIRVA VLPCSESTTC LFRTRPLDAS DTLVFNEVFW VSMSYPALHQ KTLRVDVCTT
DRSHLEECLG GAQISLAEVC RSGERSTRWY NL

Molecular weight: 17.0 kDa (152aa) confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Buether K., Plaas C., et al. (2004) Biochem. Biophys. Res. Commun. 317:703-707

Pictures:

