



WWC1, 655-783aa, Human, His tag, E.coli

Cat.NO.: TP04505

3th Edition

Synonyms:Protein KIBRA isoform 3 , WW and C2 domain containing 1, HBEBP3, HBEBP36, KIBRA

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

Sequences:

MGSSHHHHHSSGLVPRGSHMGSEAVGATRIQIALKYDEKNKQFAILIIQLSNLSALLQQDQKVNIRVAVLPCSES
TTCLFRTRPLDASDTLVFNEVFWVMSYPALHQKTLRVDVCTTDRSHLEECLGGAQISLAEVCRSGERSTRWYNL

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.