
Product Data Sheet

Product Name: WWC1 Human
 Cat. No.: GP25018
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	WW and C2 domain containing 1; HBEBP3; HBEBP36; KIBRA; Protein KIBRA; HBeAg-binding protein 3; Kidney and brain protein; WW domain-containing protein 1; WWC1; KIAA0869.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSEAVGATR IQIALKYDEK NKQFAILIQ LSNLSALLQQ QDQKVNIRVA VLPCSESTTC LFRTRPLDAS DTLVFNEVFW VSMSYPALHQ KTLRVDVCTT DRSHLEECLG GAQISLAEVC RSGERSTRWY NL.		
Formulation	The WWC1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

Introduction

WW and C2 Domain Containing 1 (WWC1) is a cytoplasmic phosphoprotein which interacts with PRKC-zeta and dynein light chain-1. WWC1 takes part in cognition and memory performance. In some individuals, alleles of WWC1 have enhanced memory.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

WWC1 Human Recombinant produced in E. coli is a single polypeptide chain containing 152 amino acids (655-783) and having a molecular mass of 17kDa. WWC1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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