

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



GCP5 (I779) Peptide

Cat No.: BS3303P

Background

The γ -Tubulin complex is composed of γ Tubulin and the γ -Tubulin complex associated proteins GCP2, GCP3, GCP4, GCP5 and GCP6, all of which are essential components of microtubule organizing centers. γ -Tubulin complex components are localized to both the centrosome, where they are involved in microtubule nucleation, and to the cytoplasm, where they exist as soluble complexes that can be recruited to the centrosome as needed. Although the GCP proteins are related, they have distinct roles which contribute to the proper function of the γ -Tubulin complex. GCP5 (γ -Tubulin complex component 5), also known as TUBGCP5, is a 1,024 amino acid member of the γ -Tubulin complex and is highly expressed in heart and skeletal muscle. Defects in the gene encoding GCP5 are implicated in Prader-Willi syndrome (PWS), a rare genetic disorder associated with obesity, compulsive behavior and lower intellectual ability.

Swiss-Prot

Q96RT8

Applications

Blocking

Specificity

This peptide can be used with studies using BS3303 GCP5 (I779) pAb.

Purification & Purity

Synthetic peptide GCP5 (I779). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.