

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



PIK3C2G Peptide

Cat No.: BS60313P

Background

Phosphoinositide 3-kinase activity is implicated in assorted cellular responses activated by mammalian cell surface receptors and the regulation of protein sorting in yeast. The p110 γ (PIK3CG) enzyme is activated in vitro by both the α and $\beta\gamma$ subunits of heterotrimeric GTP-binding proteins (G proteins) and does not associate with a p85 adaptor molecule. PI 3-kinase C2 γ , also designated p110 γ , may link signaling through G protein-coupled receptors to the generation of phosphoinositide second messengers that are phosphorylated in the D-3 position. The PI 3-kinase C2 γ gene encodes a 1,050 amino acid polypeptide with 36% identity to human PI 3-kinase C2 α . Research indicates that PI 3-kinase C2 γ can block the growth of human colon cancer cells.

Swiss-Prot

O75747

Applications

Blocking

Specificity

This peptide can be used with studies using BS60313 PIK3C2G pAb.

Purification & Purity

Synthetic peptide PIK3C2G. (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.