

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### GAK (Q129) Peptide

Cat No.: BS1871P

#### Background

Cyclin D1 accumulates during G1 and associates with Cdk2, Cdk4 and Cdk5. Cyclin E and Cdk2 interact during the G1 to S transition. Cyclin G contains a typical N terminal cyclin box and a carboxy terminal domain sequence homologous to the tyrosine phosphorylation site of the epidermal growth factor receptor). Cyclin G expression is induced within 3 hours after growth stimulation and remains elevated with no apparent cell cycle dependency. A serine/threonine kinase, designated GAK for cyclin G associated kinase, has been identified. GAK has been shown to bind directly to cyclin G and to co-immunoprecipitate with Cdk5, which also associates with cyclin G.

#### Swiss-Prot

O14976

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1871 GAK (Q129) pAb.

#### Purification & Purity

Synthetic peptide GAK (Q129). (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.