

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



GIT2 (D391) Peptide

Cat No.: BS2056P

Background

Heterotrimeric G protein-mediated signal transduction is a dynamically regulated process with the intensity of signal decreasing over time despite the continued presence of the agonist. G protein-coupled receptor kinases (GRKs) are activated by activated G protein-coupled receptors, and they function to phosphorylate and inactivate cell surface receptors in the heterotrimeric G protein signaling cascade. GIT1 (for GRK-interactor 1) and GIT2 are GTPase-activating proteins (GAP) for members of the ADP ribosylation factor (ARF) family of small GTP-binding proteins, which are involved in vesicular trafficking. GIT1 overexpression results in reduced internalization and resensitization of β 2-adrenergic receptor, thus reducing β 2-adrenergic receptor signaling.

Swiss-Prot

Q14161

Applications

Blocking

Specificity

This peptide can be used with studies using BS2056 GIT2 (D391) pAb.

Purification & Purity

Synthetic peptide GIT2 (D391). (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.