

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Gα olf (D81) Peptide

Cat No.: BS3310P

Background

Heterotrimeric G proteins function to relay information from cell surface receptors to intracellular effectors. Each of a very broad range of receptors specifically detects an extracellular stimulus (a photon, pheromone, odorant, hormone or neurotransmitter) while the effectors (e.g. adenylyl cyclase), which act to generate one or more intracellular messengers, are less numerous. In mammals, G protein α , β and γ polypeptides are encoded by at least 16, 4 and 7 genes, respectively. Most interest in G proteins has been focused on their α subunits, since these proteins bind and hydrolyze GTP, and most obviously regulate the activity of the best studied effectors. The Gs subfamily of G α subunits includes two closely related proteins, G α s and G α olf, which, respectively, stimulate adenylyl cyclase and mediate response to olfactory stimuli.

Swiss-Prot

P38405

Applications

Blocking

Specificity

This peptide can be used with studies using BS3310 G α olf (D81) pAb.

Purification & Purity

Synthetic peptide G α olf (D81). (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.

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