

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



GPR171 Peptide

Cat No.: BS5742P

Background

G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. GPR signaling is an evolutionarily ancient mechanism used by all eukaryotes to sense environmental stimuli and mediate cell-cell communication. G protein-coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. G protein-coupled receptors provide attractive targets for drug therapy due to the sheer size and diversity of ligands within this receptor family. GPR171, also designated H963, is a 319 amino acid protein that is structurally related to the purinergic receptors P2Y12, P2Y13 and P2Y14.

Swiss-Prot

O14626

Applications

Blocking

Specificity

This peptide can be used with studies using BS5742 GPR171 pAb.

Purification & Purity

Synthetic peptide GPR171. (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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