

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



PSGR (F237) Peptide

Cat No.: BS2837 P

Background

Olfactory receptors are G protein-coupled receptors that localize to the cilia of olfactory sensory neurons where they display affinity for and bind to a variety of odor molecules. The genes encoding olfactory receptors comprise the largest family in the human genome. The binding of olfactory receptor proteins to odor molecules triggers a signal transduction that propagates nerve impulses throughout the body, ultimately leading to transmission of the signal to the brain and the subsequent perception of smell. PSGR (prostate-specific G-protein coupled receptor), also known as OR51E2 (olfactory receptor 51E2), is a 320 amino acid multi-pass membrane protein that belongs to the olfactory receptor subfamily of G-protein coupled receptors. Expressed exclusively in prostate tissue and upregulated in prostate cancer, PSGR functions as an odorant receptor that binds odorant molecules and triggers the perception of smell.

Swiss-Prot

Q9H255

Applications

Blocking

Specificity

This peptide can be used with studies using BS2837 PSGR (F237) pAb .

Purification & Purity

Synthetic peptide PSGR (F237) . (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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