

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



T2R1 (D45) Peptide

Cat No.: BS2964P

Background

The sense of taste is essential for the survival of organisms. For example, the ability to identify sweet-tasting foods enables animals to seek out food with high nutritive value, whereas the ability to identify bitter substances enables them to avoid the ingestion of potentially harmful substances. A family of integral membrane proteins are involved in taste perception and include T1R, which is involved in sweet taste perception and T2R, which is involved in bitter taste perception. Both types of taste receptors couple to various G proteins to initiate signal transduction cascades. Specifically, T2R1 is expressed in subsets of taste receptor cells of the tongue and palate epithelium and exclusively in gustducin-positive cells.

Swiss-Prot

Q9NYW7

Applications

Blocking

Specificity

This peptide can be used with studies using BS2964 T2R1 (D45) pAb.

Purification & Purity

Synthetic peptide T2R1 (D45). (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.