

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



T2R49 (V129) Peptide

Cat No.: BS2963P

Background

The sense of taste provides animals with valuable information about the quality and nutritional value of food. A family of G protein-coupled receptors are involved in taste perception and include T1R, which is involved in sweet and umami 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. T2R49 plays a role in sensing the chemical composition of the gastrointestinal content. T2R49 is expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells.

Swiss-Prot

P59543

Applications

Blocking

Specificity

This peptide can be used with studies using BS2963 T2R49 (V129) pAb.

Purification & Purity

Synthetic peptide T2R49 (V129). (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.