

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



mGluR-2/3 (N867)Peptide

Cat No.: BS3430P

Background

The mGluR proteins (metabotropic Glutamate Receptors) are members of the G-protein-coupled receptor family and are functionally and pharmacologically distinct from the GluR proteins (ionotropic Glutamate Receptors). The eight currently known mGluR proteins are mediated by two G-proteins with opposing regulation of adenylate cyclase pathways. The activities of mGluR1 and mGluR5 are mediated by a G-protein that activates a phosphatidylinositol-calcium second messenger system and generates a calcium-activated chloride current. The remainder of the eight sub-types of mGluR have an activity mediated by a G-protein that inhibits adenylate cyclase activity. mGluR-3, which may interact with GRASP, acts as a receptor for glutamate.

Swiss-Prot

Q14416/Q14832

Applications

Blocking

Specificity

This peptide can be used with studies using BS3430 mGluR-2/3 (N867)pAb .

Purification & Purity

Synthetic peptide mGluR-2/3 (N867) . (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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