

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



PD2R (E301) Peptide

Cat No.: BS3239P

Background

The prostaglandin D2 receptor is a member of the G-protein-coupled receptor (GPCR) family (subfamily: prostanoid). It has been shown to function as a prostanoid DP receptor. Its activity is mainly mediated by G-S proteins that stimulate adenylate cyclase resulting in an elevation of intracellular cAMP and Ca²⁺. Knockout studies in mice suggest that the ligand of this receptor, prostaglandin D2 (PGD2), functions as a mast cell-derived mediator to trigger asthmatic responses. Prostaglandin D2 receptor has been reported to be expressed in human small intestine, colon (goblet cells), eye, and eosinophils. ESTs have been isolated from human brain libraries.

Swiss-Prot

Q13258

Applications

Blocking

Specificity

This peptide can be used with studies using BS3239 PD2R (E301) pAb.

Purification & Purity

Synthetic peptide PD2R (E301). (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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