

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



EDG-3 (L41) Peptide

Cat No.: BS3161P

Background

EDG3 belongs to a family of G-protein coupled receptors whose ligands are lysophospholipids. The ligand for EDG3 is sphingosine-1-phosphate. There are eight known members of the EDG receptor family and they are implicated in mediating growth-related effects such as induction of cellular proliferation, alterations in differentiation and survival, and suppression of apoptosis. They also evoke cellular effector functions that are dependent on cytoskeletal responses such as contraction, secretion, adhesion and chemotaxis. EDG receptors are developmentally regulated and differ in tissue distribution. They couple to multiple types of G proteins to signal through ras and MAP kinase, rho, phospholipase C, and several protein tyrosine kinases. EDG3 is expressed in heart, placenta, kidney, and liver tissue.

Swiss-Prot

Q99500

Applications

Blocking

Specificity

This peptide can be used with studies using BS3161 EDG-3 (L41) pAb.

Purification & Purity

Synthetic peptide EDG-3 (L41). (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.