

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



FGFR-5 (L191) Peptide

Cat No.: BS9262P

Background

Acidic and basic fibroblast growth factors (FGFs) are members of a family of multifunctional polypeptide growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuro-ectodermal origin. Like other growth factors, FGFs act by binding and activating specific cell surface receptors. A total of six members of the FGF receptor family have been identified and cloned. These include the Flg receptor or FGFR-1, the BEK receptor or FGFR-2, FGFR-3, FGFR-4, FGFR-5 and FGFR-6. These receptors usually contain an extracellular ligand-binding region containing three immunoglobulin-like domains, a trans-membrane domain and a cytoplasmic tyrosine kinase domain. However, FGFR-5 lacks the cytoplasmic kinase domain. FGFR-5 is expressed in a broad range of tissues, including kidney, brain and lung, but it is preferentially expressed in pancreas, where it may play a role in the regulation of some pancreatic function.

Swiss-Prot

Q8N441

Applications

Blocking

Specificity

This peptide can be used with studies using BS9262 FGFR-5 (L191) pAb.

Purification & Purity

Synthetic peptide FGFR-5 (L191). (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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