

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Insulin Receptor (K1368) Peptide

Cat No.: BS3744P

Background

The insulin receptor (IR) is a heterodimeric protein complex that has an intracellular β subunit and an extracellular α subunit, which is disulfide-linked to a transmembrane segment. The insulin ligand binds to the IR and initiates molecular signaling pathways that promote glucose uptake in cells and glycogen synthesis. Insulin binding to IR induces phosphorylation of intracellular tyrosine kinase domains and recruitment of multiple SH2 and SH3 domain-containing intracellular proteins that serve as signaling intermediates for pleiotropic effects of insulin.

Swiss-Prot

P06213

Applications

Blocking

Specificity

This peptide can be used with studies using BS3744 Insulin Receptor (K1368) pAb.

Purification & Purity

Synthetic peptide Insulin Receptor (K1368). (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.