

IGF1R Peptide

Subcategory: Synthetic Peptide, Blocking Peptide

Cat. No.: 350471

Unit: 0.1 mg

Description:

IGF1R binds insulin-like growth factor 1 (IGF1) with high affinity and IGF2 with low affinity. The receptor has a tyrosine protein kinase activity necessary for the activation of the IGF1-stimulated downstream signaling cascade.

Format: Each vial contains 0.1 mg of lyophilized peptide. Reconstitute with 0.1 ml deionized water for a final concentration of 1 mg/ml. Use at 5.6 ug/ml for a 100X excess over antibody for maximum blocking effect.

Alternate Names: Insulin-like growth factor I receptor; CD221 antigen; IGF-I receptor; IGF1R

Accession No.: P08069

MW: 1757 g/mol

Sequence: The synthetic peptide used to raise the antibody Cat. No. 200109 is selected from a sequence within the C-term region of human IGF1R. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

Composition: C72H125N25O24S1

Purity: Purity > 80% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.