
NPF Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350302

Unit: 1 mg

Description:

The NPF peptide encompasses the tyrosine-1355 (Y1355) phosphorylation site within the insulin receptor. This is an autocatalytic site for insulin receptor tyrosine-protein kinase activity.

Format: Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Insulin receptor; EC 2.7.10.1; IR; CD220 antigen; INSR

Accession No.: P06213

MW: 1238.25 g/mol

Sequence: Human: H-Lys-Arg-Ser-Tyr(PO₃H₂)-Glu-Glu-His-Ile-Pro-OH or H-KRSY(PO₃H₂)EEHIP-OH

Composition: C₅₁H₈₀N₁₅O₁₉P

Purity: Purity > 95% 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, aliquot and store at -20°C.

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