

## PI3KC3 Peptide

**Subcategory:** Synthetic Peptide, Blocking Peptide

**Cat. No.:** 350480

**Unit:** 0.1 mg

**Description:**

PI3KC3 is the catalytic subunit of the PI3K complex and is involved in the transport of lysosomal enzyme precursors to lysosomes. PI3KC3 associates with regulatory subunit PIK3R4.

**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:** Phosphatidylinositol 3-kinase catalytic subunit 3; PtdIns-3-kinase type 3; PI3-kinase type 3; PI3K type 3; Phosphoinositide-3-kinase class 3; Phosphatidylinositol 3-kinase p100 subunit; PIK3C3

**Accession No.:** Q8NEB9

**MW:** 2061.2 g/mol

**Sequence:** The synthetic peptide used to raise the antibody Cat. No. 200118 is selected from a sequence within the N-term region of human PI3KC3. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

**Composition:** C79H141N35O28S1

**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.