

## Carboxypeptidase N Peptide

**Subcategory:** Synthetic Peptide, Blocking Peptide

**Cat. No.:** 350569

**Unit:** 0.1 mg

**Description:**

Carboxypeptidase N (CPN1) protects the body from potent vasoactive and inflammatory peptides containing C-terminal Arg or Lys, such as kinins or anaphylatoxins, which are released into the circulatory system.

**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:** CPN; SCPN; Carboxypeptidase N polypeptide 1; Carboxypeptidase N small subunit; Serum carboxypeptidase N; Carboxypeptidase N catalytic chain; Lysine carboxypeptidase; Arginine carboxypeptidase; Kininase-1; Anaphylatoxin inactivator; Plasma carboxypeptidase B; CPN1; ACBP

**Accession No.:** P15169

**MW:** 2015.2 g/mol

**Sequence:** The synthetic peptide used to raise the antibody Cat. No. 200207 is selected from a sequence within the N-term region of Carboxypeptidase N. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

**Composition:** C87H139N25O28S1

**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.