

Carboxypeptidase E Peptide

Subcategory: Blocking Peptide, Synthetic Peptide

Cat. No.: 350567

Unit: 0.1 mg

Description:

Carboxypeptidase E removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing of Proinsulin.

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: CPE; CPH; Enkephalin convertase; Prohormone-processing carboxypeptidase; Carboxypeptidase H; Carboxypeptidase E

Accession No.: P16870

MW: 2271.4 g/mol

Sequence: The synthetic peptide used to raise the antibody Cat. No. 200205 is selected from a sequence within the N-term region of Carboxypeptidase E. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

Composition: C99H143N27O33S1

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.