
Carboxypeptidase M Peptide

Subcategory: Synthetic Peptide, Blocking Peptide

Cat. No.: 350568

Unit: 0.1 mg

Description:

Carboxypeptidase M removes C-terminal basic residues (Arg or Lys) from peptides and proteins alike. It plays various roles in the cell from control of peptide hormone and growth factor activity ant the cell surface to membrane-localized degradation of extracellular proteins.

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: CPM; Carboxypeptidase M

Accession No.: P14384

MW: 1910.1 g/mol

Sequence: The synthetic peptide used to raise the antibody Cat. No. 200206 is selected from a sequence within the N-term region of Carboxypeptidase M. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

Composition: C79H136N28O25S1

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.