

## Calpain-10 Peptide

**Subcategory:** Synthetic Peptide, Blocking Peptide

**Cat. No.:** 350559

**Unit:** 0.1 mg

**Description:**

Calpain 10 is a calcium regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction.

**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:** Calpain-10; Calcium-activated neutral proteinase 10; CANP 10; CAPN10

**Accession No.:** Q9HC96

**MW:** 2118.3 g/mol

**Sequence:** The synthetic peptide used to raise the antibody Cat. No. 200197 is selected from a sequence within the C-term region of Calpain-10. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

**Composition:** C89H140N26O30S2C89H140N26O30S2

**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.