

## Calpain-3 Peptide

**Subcategory:** Synthetic Peptide, Blocking Peptide

**Cat. No.:** 350555

**Unit:** 0.1 mg

**Description:**

Calpain 3 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 P94; Calpain L3; Muscle-specific calcium-activated neutral proteinase 3; CANP 3; Calpain-3; CAPN3; CANPL3; CANP3; NCL1

**Accession No.:** P20807

**MW:** 1859 g/mol

**Sequence:** The synthetic peptide used to raise the antibody Cat. No. 200193 is selected from a sequence within the N-term region of Calpain-3. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

**Composition:** C79H127N25O25S1C79H127N25O25S1

**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.