

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.