

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Calpain 2 (K354) Peptide

Cat No.: BS3696P

Background

Mu Calpain, and m calpain, also known as Calpain 2, are intracellular, calcium dependent cysteine proteases. Mu calpain has a micromolar sensitivity (thus the mu) as compared to the millimolar calcium sensitivity of m calpain. Both Calpains 1 and 2 are composed of an 80 kD subunit and a 30 kD subunit. Whereas the 30 kDa subunit is shared by both enzymes, the larger catalytic subunits are different and exhibit the distinct Ca⁺⁺ requirements that are suggested by their names.

Swiss-Prot

P17655

Applications

Blocking

Specificity

This peptide can be used with studies using BS3696 Calpain 2 (K354) pAb.

Purification & Purity

Synthetic peptide Calpain 2 (K354). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.