

## Acetyl-Calpastatin(184-210)(human), Negative Control

<b>Cat. No.:</b>	HY-P10169
<b>Molecular Formula:</b>	C <sub>142</sub> H <sub>230</sub> N <sub>36</sub> O <sub>44</sub> S
<b>Molecular Weight:</b>	3177.63
<b>Sequence:</b>	Ac-Ala-Pro-Arg-Leu-Glu-Ile-Val-Pro-Thr-Met-Tyr-Ile-Tyr-Lys-Leu-Ser-Pro-Thr-Gly-Ser-Glu-Lys-Leu-Glu-Asp-Glu-Arg-NH <sub>2</sub>
<b>Sequence Shortening:</b>	Ac-APRLEIVPTMYIYKLSPTGSEKLEDER-NH <sub>2</sub>
<b>Target:</b>	Proteasome
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Acetyl-Calpastatin(184-210)(human), Negative Control is a control scramble peptide of Acetyl-Calpastatin(184-210)(human) (HY-P1081). Acetyl-Calpastatin(184-210)(human) is a potent, selective and reversible calpain inhibitor<sup>[1]</sup>.

### REFERENCES

[1]. Eto A, et, al. The role of the calpain-calpastatin system in thyrotropin-releasing hormone-induced selective down-regulation of a protein kinase C isozyme, nPKC epsilon, in rat pituitary GH4C1 cells. J Biol Chem. 1995 Oct 20;270(42):25115-20.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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