

Calpain-1 (pig)

Cat. No.:	HY-E70197
CAS No.:	689772-75-6
Target:	Cathepsin
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Calpain-1 (pig)

BIOLOGICAL ACTIVITY

Description

Calpain-1 (pig) (μ -Calpain) is an intracellular Ca^{2+} -regulated cysteine protease. Calpain-1 (pig) exhibits neuroprotective effect^{[1][2]}.

REFERENCES

[1]. Shinkai-Ouchi F, et, al. Predictions of Cleavability of Calpain Proteolysis by Quantitative Structure-Activity Relationship Analysis Using Newly Determined Cleavage Sites and Catalytic Efficiencies of an Oligopeptide Array. Mol Cell Proteomics. 2016 Apr;15(4):1262-80.

[2]. Baudry M, et, al. Calpain-1 and Calpain-2: The Yin and Yang of Synaptic Plasticity and Neurodegeneration. Trends Neurosci. 2016 Apr;39(4):235-245.

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

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