



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## 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) ( $\mu$ -Calpain) is an intracellular  $\text{Ca}^{2+}$ -regulated cysteine protease. Calpain-1 (pig) exhibits neuroprotective effect<sup>[1][2]</sup>.

### 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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