

Bioactive

Clostripain (*Cl. Histolyticum*)

Catalog # P5214

Size 1 mg

Specification

Product Description	Lyophilized. Dialyzed. Pre-activated.
Biological function	Clostripain is unique in its specificity for the carboxyl peptide bond of arginine and its dependence on thiol and calcium ions.
Host	Clostridium Species
Form	Lyophilized
Preparation Method	Native protein chromatographically purified from <i>Clostridium histolyticum</i>
Activity	≥ 50 units per mg dry weight. One Unit hydrolyzes one micromole of N-benzoyl-L-arginine ethyl ester per minute at 25°C, pH 7.6, in the presence of dithiothreitol.
Recommend Usage	Clostripain Assay; Peptide mapping; Sequence analysis; Cell isolation; Hydrolysis/condensation of amide bonds; Peptide synthesis.
Storage Instruction	Store at 4°C.

Applications

- Enzyme Activity

Publication Reference

- [A hotspot for posttranslational modifications on the androgen receptor dimer interface drives pathology and anti-androgen resistance.](#)

Andrea Alegre-Martí, Alba Jiménez-Panizo, Adrián Martínez-Tébar, Coralie Poulard, M Núria Peralta-Moreno, Montserrat Abella, Rosa Antón, Marcos Chiñas, Ulrich Eckhard, Josep M Piulats, Ana M Rojas, Juan Fernández-Recio, Jaime Rubio-Martínez, Muriel Le Romancer, Álvaro Aytes, Pablo Fuentes-Prior, Eva Estébanez-Perpiñá.

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Application: Enzyme, Recombinant proteins