

Product Data Sheet

Papain

| Catalog # | Source | Reactivity | Applications |
|--------------------------|--|------------|--------------|
| CZM1081 | Papaya Latex | | |
| Description | Native Papain from Papaya Latex | | |
| Specificity | >10U/mg powder | | |
| Form | Light yellow lyophilized powder | | |
| Alternative Names | EC 3.4.22.2 | | |
| CAS Number | 9001-73-4 | | |
| Molecular Weight | | | |
| Purity | >90% | | |
| Unit Definition | One unit is defined as the amount of enzyme will hydrolyze 1 micromole N-Alpha-Benzoyl-L-Arginine Ethyl Ester (BAEE) per minute at pH 6.2, 25° C. | | |
| Storage/Stability | Shipped at 4° C. Store at -20° C for 2 years. | | |

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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