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Biocontrol Activity of Recombinant Aspartic Protease from *Trichoderma harzianum* against Pathogenic Fungi

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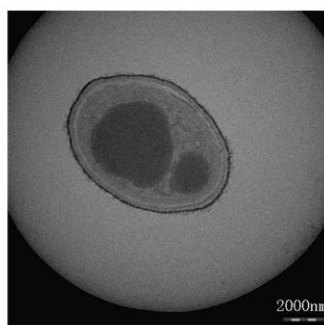
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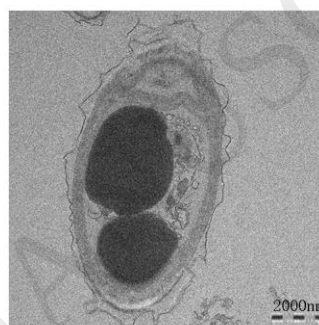
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Graphical abstract



Normal



Treat with rP6281

Highlights

- recombinant P6281 (rP6281) expressed in *Pichia pastoris* showed high activity of 321.8 U/mL.
- The antifungal activity assay showed rP6281 could significantly inhibit the growth of plant pathomycetes.
- rP6281 has the ability to arrest the germination of plant pathomycetes spore.
- rP6281 has the ability to control the grey mould rot on apples, oranges and cucumbers.
- The surface appearance of hyphae observed by light microscope and TEM showed that the structures of hyphae treated with rP6281 were irregular and damaged.

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