

## Thrombin

### Product Information

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**Cat#No#** Th-408C

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### Product Overview

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Thrombin is a serine protease purified from bovine plasma for digestion of GST-tagged proteins or other tagged proteins that contain the thrombin recognition sequence.

Specific cleavage - enables site-specific cleavage of fusion proteins containing an accessible recognition sequence.

Functionally free of other clotting factors such as plasminogen and plasmin.

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**Form** Lyophilized powder

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### Applications

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Used for site-specific separation of the GST tag from proteins expressed using pGEX-T vectors.

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### Elution buffer

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50 mM Tris-HCl, 10 mM reduced glutathione, pH 8.0.

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### Pack size

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500 units

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### Kit contents

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One unit of enzyme cleaves  $\geq 90\%$  of 100  $\mu\text{g}$  of a test GST fusion protein when incubated in 1  $\times$  PBS at 22°C for 16 h.

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