

Brightase C/TH

Tissue Dissociation Recombinant Enzymes



Brightase-C/TH kit is designed for the dissociation of tissues for the establishment of primary cell cultures. The recombinant enzymes are produced by *Brevibacillus* expression system and highly purified by chromatography. Brightase-C/TH kit contains collagenase from *Grimontia hollisae* and thermolysin from *Bacillus thermoproteolyticus*. Each enzyme is provided as a vial to allow adjustments of enzyme ratios for optimization.



Brightase-C (Recombinant Collagenase)

Brightase-C contains a recombinant collagenase produced by *Brevibacillus* expression system. It is highly purified, highly stable, endotoxin-free (≤ 10 EU/mg), and animal-derived component free.

Organism of origin: *Grimontia hollisae*¹

Recombinant production in: *Brevibacillus chosinensis*²



Brightase-TH (Recombinant Thermolysin)

Brightase-TH contains a recombinant thermolysin produced by *Brevibacillus* expression system. It is highly purified, highly stable, endotoxin-free (≤ 10 EU/mg), and animal-derived component free.

Organism of origin: *Bacillus thermoproteolyticus*³

Recombinant production in: *Brevibacillus chosinensis*²



References

1. Teramura et al., *Journal of Bacteriology*, **193**, 3049-3056 (2011)
2. Mizukami et al., *Current Pharmaceutical Biotechnology*, **11**, 251-258 (2010)
3. O'Donohue et al., *Biochemical Journal*, **300**, 599-603 (1994)

Product Code	Product Name	Contents
NP892-431	Brightase-C	40 mg × 1 pc.
NP892-432	Brightase-C	40 mg × 2 pcs.
NP892-441	Brightase-TH	≥ 4 mg × 1 pc.
NP892-442	Brightase-TH	≥ 4 mg × 2 pcs.
NP892-451	Brightase-C/TH	Brightase-C: 40 mg × 1 pc. Brightase-TH: ≥ 4 mg × 1 pc.