

HRV-3C Protease, GST Tag (1U/μL) (active enzyme)

Catalog # 3CC-N3133



BIOSYSTEMS
Acro

Product Details

HRV 3C Protease is highly specific for the recognition sequence Leu-Glu-Val-Leu-Phe-Gln-↓-Gly-Pro and cleaves after the glutamine residue.

Application

Removal of purification tags from fusion proteins

Unit Definition

One unit will cleave >95% of 100 μg control fusion protein in 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 at 4°C for 16 h.

Purity

>95% as determined by SDS-PAGE.

Enzyme Activity

>1 U/μL

Endotoxin

Less than 1.0 EU per μg by the LAL method.

Formulation

Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 150 mM NaCl, pH8.0 with trehalose as protectant.

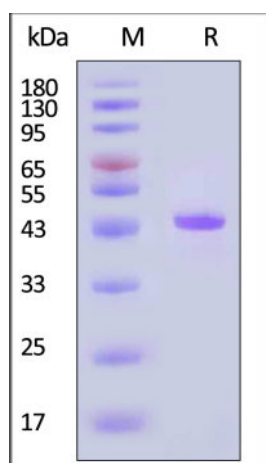
Contact us for customized product form or formulation.

Storage

This product is stable after storage at:

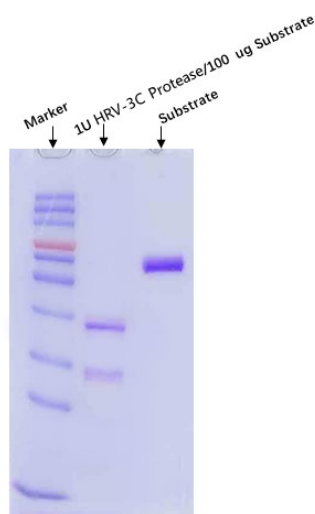
- -20°C to -70°C for 12 months in lyophilized state.
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



The gel was stained with Coomassie Blue. The purity of the protein is greater than 95% (With [Star Ribbon Pre-stained Protein Marker](#)).

Bioactivity



>1 Units/μg. One unit will cleave >95% of 100 μg control fusion protein in 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 at 4°C for 16 h (QC tested).

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7/17/2024

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