

**Product Details**

SUMO Protease is a recombinant form of *Saccharomyces cerevisiae* protease produced in *Escherichia coli*. SUMO protease can recognize the SUMO tertiary structure and cleave it, has high specificity, and there would be no amino acid residues. This product contains His-tag which can be removed by Ni<sup>2+</sup> affinity chromatography resin.

**Application**

Remove SUMO-tag in any recombinant SUMO fusion protein.

**Unit Definition**

One unit of SUMO Protease cleaves  $\geq 85\%$  of 2  $\mu\text{g}$  control substrate in 1 h at 30°C.

**Purity**

>95% as determined by SDS-PAGE.

**Enzyme Activity**

>10 U/ $\mu\text{L}$

**Endotoxin**

Less than 0.2 EU per  $\mu\text{g}$  by the LAL method.

**Formulation**

Supplied as 0.2  $\mu\text{m}$  filtered solution in 250 mM NaCl, pH 8.0 with glycerol as protectant.

Contact us for customized product form or formulation.

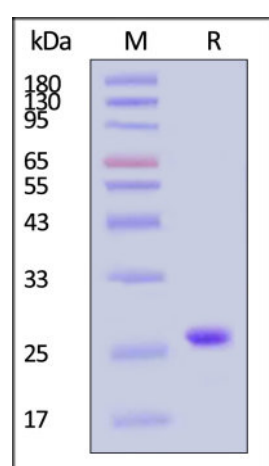
**Shipping**

*This product is supplied and shipped with blue ice, please inquire the shipping cost.*

**Storage**

This product is stable after storage at:

- The product **MUST** be stored at -20°C or lower upon receipt.
- -20°C for 3 months under sterile conditions.

**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**

Discounts, Gifts,  
and more!



# SUMO Protease

Catalog # SUE-S5127



BIOSYSTEMS  
**Acro**



One unit of SUMO Protease cleaves  $\geq 85\%$  of 2  $\mu\text{g}$  control substrate in 1 h at 30°C (QC tested).

## Clinical and Translational Updates

Discounts, Gifts,  
and more!



[www.acrobiosystems.com](http://www.acrobiosystems.com)

7/17/2024