

## SUMO Protease (Lyophilized Powder)

### Product Information

<b>Cat#</b>	DIA-575
<b>Description</b>	A universal protease that specifically removes post-translational modifications (PTMs) of SUMO (Small Ubiquitin-like Modifier), belonging to the ubiquitin or ubiquitin-like protein (UBL) modification family.
<b>Form</b>	Lyophilized Powder
<b>Unit Definition</b>	One unit of SUMO protease activity is defined as the amount of enzyme required to cleave 85% of 2 µg of substrate protein within 1 hour at 30 °C.
<b>Synonyms</b>	UIP
<b>Applications</b>	Removal of fusion tags from recombinant proteins.
<b>Product Overview</b>	Highly active protease with strict specificity. Efficient cleavage with minimal non-specific proteolysis. Active across a wide temperature range (2 °C to 37 °C). Contains a 6x His-tag for easy removal from cleaved protein samples.
<b>Purity</b>	85% (SDS-PAGE)
<b>Package</b>	1 mg