

Native purified SUMO Protease, N-His-tagged

Cat. No. SUMO Protease-01 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SUMO (Small Ubiquitin-like MOdifiers) Protease is a highly purified Ulp1 from a E. coli expression system, which carries the yeast Ulp1. It recognizes the tertiary structure of SUMO and cleaves SUMO from recombinant fusion proteins. The SUMO protease has a N-terminal His-tag and can be removed by Ni-NTA agarose.
Species	Yeast
Source	E.coli
Form	Liquid
Bio-activity	>10 ⁵ Unit/mg
Molecular Mass	26 kDa
Purity	Greater than 95% purity.
Applications	Removal of fusion tags from recombinant proteins Highly dynamic and precise cleavage capabilities Purification of proteins and peptides
Storage	-80 centigrade
Storage Buffer	SUMO Protease Storage Buffer: 25 mM Tris-HCl,pH 8.0

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0.1% Igepal(NP-40)
250 mM NaCl
0.5 mM DTT
50% glycerol

GENE INFORMATION

Gene Name ULP1 SUMO protease ULP1 [*Saccharomyces cerevisiae* S288C]

Official Symbol ULP1

Synonyms SUMO;ULP1; SUMO protease ULP1

Gene ID 856087

mRNA Refseq NM_001183834.1

Protein Refseq NP_015305.1

UniProt ID Q02724

SDS-PAGE Coomassie staining of SUMO Protease in different elution fractions.

RP-HPLC Chromatogram of SUMO Protease.

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