

Native purified SUMO Protease, His-tagged

Cat. No. SUMO Protease-02 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

The SUMO protease releases target proteins from TriAltus's Im7 resin. This protease recognizes SUMO tertiary structure-not a specific amino acid sequence-to cleave and release the target protein from the Im7-bound CL7 tag. SUMOP cleaves after the C-terminal glycine at the end of the SUMO sequence. If the target protein is fused downstream of the SUMO C-terminus, SUMOP cleavage renders the native protein sequence without any additional amino acids.

Species Yeast

Source E.coli

Conjugation/Label CL7

Purity ~100% (SDS gel analysis)

Storage 80 centigrade long term or -20 centigrade for 2-3 months in shipping buffer.

Concentration ~7.5 mg/mL

Storage Buffer 15 mM Tris (pH 8.0), 0.2 M NaCl, 50% glycerol.

Shipping We ship SUMO protease on dry ice in buffer (15 mM Tris (pH 8.0), 0.2 M NaCl, 50% glycerol).

Use/Stability 6 months from receipt when stored as directed.

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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

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