

Active Recombinant Human Protease Protein, 6×His tagged

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

SPECIFICATION

Product Overview	Recombinant SUMOstar Protease 1 specifically recognizes and cleaves the SUMOstar tag from recombinant fusion proteins made with SUMOstar expression systems. Unlike thrombin, EK, or TEV proteases, which recognize short, linear sequences, SUMOstar Protease 1 recognizes the tertiary structure of SUMOstar. As a result, SUMOstar Protease 1 will not cleave within the protein of interest. SUMOstar Protease 1 will not cleave SUMO-tags from proteins expressed with the SUMOpro or SUMOpro3 systems. To cleave the SUMOpro tag (original yeast SUMO tag), please use SUMO Protease 1 and to cleave SUMOpro3 tag please use SUMO Protease 2.
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Species	Human
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Source	E.coli
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Form	Liquid
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Bio-activity	1 U will cleave > 90 µg of SUMOstar-GFP in 1 hr at 37 centigrade.
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Molecular Mass	26.4 kDa
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Purity	> 95% by SDS-PAGE and RP-HPLC
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Applications	Removal of SUMOstar tags from recombinant, fusion proteins.
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Storage	At -80 centigrade, avoid freeze/thaw cycles.
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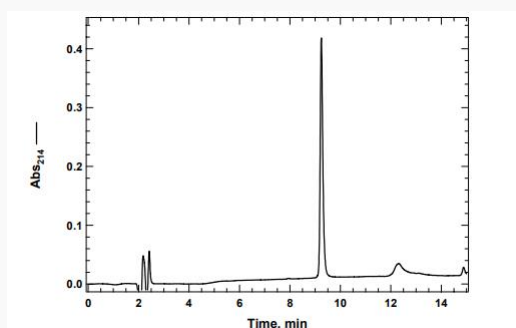
Storage Buffer 50 mM Hepes pH 7.5, 150 mM NaCl, 10% glycerol

GENE INFORMATION

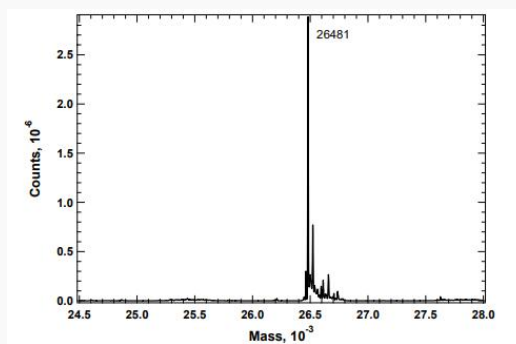
Official Symbol Protease

Synonyms Protease

RP-HPLC



Deconvoluted mass spectrum



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