

Active Recombinant Human Protease Protein, 6xHis 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.

Species Human

Source E.coli

Form Liquid

Bio-activity 1 U will cleave > 90 µg of SUMOstar-GFP in 1 hr at 37 centigrade.

Molecular Mass 26.4 kDa

Purity > 95% by SDS-PAGE and RP-HPLC

Applications Removal of SUMOstar tags from recombinant, fusion proteins.

Storage At -80 centigrade, avoid freeze/thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

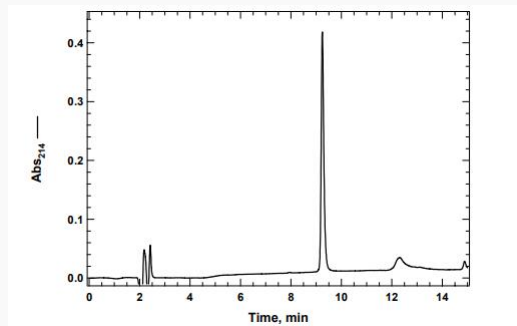
Storage Buffer 50 mM Hepes pH 7.5, 150 mM NaCl, 10% glycerol

GENE INFORMATION

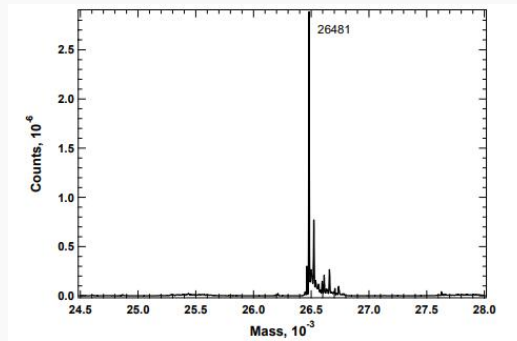
Official Symbol Protease

Synonyms Protease

RP-HPLC



Deconvoluted mass spectrum



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA