

Recombinant *S. aureus* sspP Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Full length Staphylococcus aureus Staphopain A(sspP) protein with His tag was expressed in Yeast.
Species	S.aureus
Source	Yeast
Description	Staphopain A (EC 3.4.22.48, ScpA, ScpAaur, staphylopain A, staphylococcal cysteine proteinase) is a secreted cysteine protease produced by Staphylococcus aureus. It was first identified in the S. aureus V8 strain as a papain-like cysteine protease. The protease distinguishes itself from the other major proteases of S. aureus in its very broad specificity and its ability to degrade elastin.
AA Sequence	YNEQYINKLENFKIRETQGNGWCAGYTMSELLNATYNTNKYHAEAVMRFLHPNLQ GQRFQFTGLTPREMIYFGQTQGRSPQLLNRMTTYNEVDNLTKNKNGIAVLGSRVES RNGMHAGHAMAVVGNALDNGQEVIIIWNPWDNGFMTQDAKNNVIPVSNGDHYR WYSSIYGY
Purity	>85% (SDS-PAGE)
Notes	Repeated freezing and thawing is not recommended.
Storage	Store working aliquots at 4 centigrade for up to one week.
Expiry	The shelf life is related to many factors, storage state, buffer ingredients, storage

 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

temperature and the stability of the protein itself. The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Storage Buffer Tris-based buffer, 50% glycerol

Full Length Full L.

GENE INFORMATION

Gene Name SAOUHSC_02127 staphopain thiol proteinase [*Staphylococcus aureus* subsp. *aureus* NCTC 8325]

Official Symbol SAOUHSC_02127 staphopain thiol proteinase [*Staphylococcus aureus* subsp. *aureus* NCTC 8325]

Synonyms Staphopain A; SAOUHSC_02127 staphopain thiol proteinase; EC= 3.4.22.48; Staphylococcal cysteine proteinase A; Staphylopain A

Gene ID 3921198

Protein Refseq YP_500618

UniProt ID Q2G2R8

 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