abcam

Product datasheet

Recombinant Staphylococcus aureus CHIPS protein (His tag) ab226270

2 Images

Description

Product name	Recombinant Staphylococcus aureus CHIPS protein (His tag)
Purity	> 90 % SDS-PAGE.
Expression system	Yeast
Accession	Q6GFB3
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Staphylococcus aureus
Sequence	FTFEPFPTNEEIESNKKMLEKEKAYKESFKNSGLPTTLGKL DERLRNYLK KGTKNSAQFEKMVILTENKGYYTVYLNTPLAEDRKNVELLG KMYKTYFFK KGESKSSYVINGPGKTNEYAY
Predicted molecular weight	16 kDa including tags
Amino acids	29 to 149
Tags	His tag N-Terminus
Additional sequence information	Staphylococcus aureus (strain MRSA252) full length mature chain without signal peptide.

Specifications

Our **Abpromise guarantee** covers the use of **ab226270** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	LC-MS/MS
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.2
Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

General Info

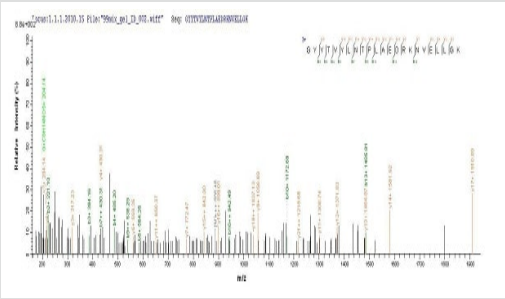
Relevance

The bacterial pathogen Staphylococcus aureus is insensitive to antimicriobial host defense peptides like defensins, protegrins, platelet microbicidial proteins and bacteriocins. Staphylococci have developed various resistance mechanisms including those specific for bacteriocins and several host defence peptides. A protein belonging to the resistance mechanism of Staphylococcus aureus is known as CHIPS (Chemotaxis Inhibiting Protein for Staphylococcus aureus). CHIPS is a proteins that inhibits chemotaxis of neutrophils by blocking the Formyl Peptide Receptor (FPR) and C5a Receptor on neutrophils.

Cellular localization

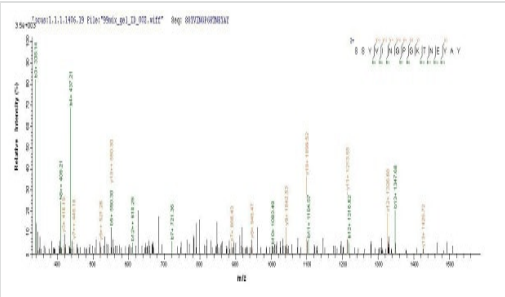
Secreted

Images



Mass Spectrometry - Recombinant Staphylococcus aureus CHIPS protein (His tag) (ab226270)

Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of ab226270 could indicate that this peptide derived from Yeast-expressed Staphylococcus aureus (strain MRSA252) chp.



Mass Spectrometry - Recombinant Staphylococcus aureus CHIPS protein (His tag) (ab226270)

Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of ab226270 could indicate that this peptide derived from Yeast-expressed Staphylococcus aureus (strain MRSA252) chp.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors