

Datasheet for ABIN7479493

## Enterotoxin G (AA 26-258) protein (His tag)



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### Overview

|                               |                       |
|-------------------------------|-----------------------|
| Quantity:                     | 100 µg                |
| Target:                       | Enterotoxin G         |
| Protein Characteristics:      | AA 26-258             |
| Origin:                       | Staphylococcus aureus |
| Source:                       | Yeast                 |
| Protein Type:                 | Recombinant           |
| Purification tag / Conjugate: | His tag               |
| Application:                  | ELISA                 |

### Product Details

|                  |                                                                                                                                                                                                                                                                           |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:        | QPDPK LDELNKVSDY KNNKGTMGNV MNLYTSPPVE GRGVINSRQF LSHDLIFPIE YKSYNEVKTE<br>LENTELANNY KDKKVDIFGV PYFYTCIIPK SEPDINQNFG GCCMYGGLTF NSSENERDKL<br>ITVQVTIDNR QSLGFTITTN KNMVTIQELD YKARHWLTKE KKLYEFDGSA FESGYIKFTE<br>KNNTSFWFDL FPKKELVPFV PYKFLNIYGD NKVVDSKSIK MEVFLNTH |
| Specificity:     | Staphylococcus aureus (strain N315)                                                                                                                                                                                                                                       |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.                                                                                    |
| Purity:          | > 90 %                                                                                                                                                                                                                                                                    |

### Target Details

|         |               |
|---------|---------------|
| Target: | Enterotoxin G |
|---------|---------------|

## Target Details

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Alternative Name: | Enterotoxin type G (entG)                                         |
| Background:       | Recommended name: Enterotoxin type G.<br>Alternative name(s): SEG |
| UniProt:          | <a href="#">P0A0L7</a>                                            |

## Application Details

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Comment:      | The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies. |
| Restrictions: | For Research Use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Handling

|                  |                                                                                                     |
|------------------|-----------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                         |
| Concentration:   | 0.2-2 mg/mL                                                                                         |
| Buffer:          | Tris-based buffer, 50 % glycerol                                                                    |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |
| Storage:         | -20 °C                                                                                              |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.                                |